228

UNIVERSITY OF CALIFORNIA
MUSEUM OF VERTEBRATE ZOOLOGY

Digitized by the Internet Archive
in 2017 with funding from
CLIR

https://archive.org/details/fieldnotesv150000mill

E. V. Miller
1940

Index to Field Notes

Contents are arranged in the following order:

I Maps showing route and collecting stations (X) in Mexico.

II Specimen List. Pages 1–27.

III General Account. Pages 1–37

IV Species accounts, arranged in alphabetical order.

INDEX
TO CITIES AND TOWNS WITH 1930 POPULATIONS
INDICE
DE LAS CIUDADES Y VILLAS CON SU POBLACION EN 1930

STATE NAMES AND THEIR ABBREVIATIONS
NOMBRES DE LOS ESTADOS Y SUS ABREVIACIONES

Ags. Aguascalientes.......G-6
B.C.T.N. Baja California Northern Territory.......B-2
Territorio Norte
B.C.T.S. Baja California Southern Territory.......C-4
Territorio Sur
Camp. Campeche.......B-7
Chih. Chihuahua.......F-3
Chis. Chiapas.......L-9
Coah. Coahuila.......H-4
Col. Colima.......G-8
D.F. Federal District.......I-8
Distrito Federal
Dgo. Durango.......F-5
Gro. Guerrero.......I-8
Gto. Guanajuato.......H-7
Hgo. Hidalgo.......I-7
Jal. Jalisco.......G-7
Mex. Mexico.......I-7
Mich. Michoacan.......H-7
Mor. Morelos.......I-8
N.L. Nuevo Leon.......H-4
Nay. Nayarit.......F-6
Oax. Oaxaca.......J-9
Pue. Puebla.......I-8
Qro. Queretaro.......H-7
S.L.P. San Luis Potosi.......H-6
Sin. Sinaloa.......E-5
Son. Sonora.......D-3
Tab. Tabasco.......A-8
Tamps. Tamaulipas.......I-5
Tlax. Tlaxcala.......I-8
Ver. Veracruz.......J-7
Yuc. Yucatan.......B-6
Zac. Zacatecas.......G-6

CITIES AND TOWNS
CIUDADES Y VILLAS

Acambaro, Gto., 15,899.......H-7
Acanceh, Yuc., 2,299.......B-6
Acaponeta, Nay., 7,449.......F-6
Acapulco, Gro., 4,440.......I-9
Acayucan, Ver., 4,631.......K-8
Acatlan, Pue., 6,042.......I-8
Acuitzio, Mich., 2,556.......H-7
Actopan, Hgo., 2,839.......I-7
Aguascalientes, Ags., 61,411.......G-6
Agualeguas, N.L., 2,082.......I-4
Agua Prieta, Son., 4,674.......D-1
Ahualulco, Jal., 6,345.......G-7
Ajuchitlan, Gro., 5,000.......H-8
Alamos, Son., 3,008.......E-4
Allende, Coah., 4,804.......H-3
Allende, Gto., 8,626.......H-7
Altar, Son., 2,253.......C-2
Alvarado, Ver., 5,994.......J-8
Ameca, Jal., 11,427.......G-7
Amecameca, Mex., 7,422.......I-8
Amozoc, Pue., 3,628.......I-8
Angangeo, Mich., 7,431.......H-7
Apam, Hgo., 3,959.......I-7
Apango, Gro., 3,020.......I-8
Apaseo, Gto., 3,614.......H-7
Apatzingan, Mich., 4,000.......H-8
Arandas, Jal., 7,574.......H-7
Arcelia, Gro., 4,000.......H-8
Ario, Mich., 5,032.......H-8
Arizpe, Son., 2,470.......D-2
Atlixco, Pue., 11,927.......I-8
Atotonilco, Hgo., 2,312.......I-7
Atotonilco, Jal., 9,023.......G-7
Atoyac, Gro., 3,372.......H-9
Atoyac, Jal., 5,421.......G-7
Azcapotzalco, D.F., 40,098.......
(See reverse side)
Autlan, Jal., 10,723.......G-7
Azoyu, Gro., 2,949.......I-9
Bacum, Son., 2,500.......D-3
Bustamante, N.L., 2,602.......H-4
Cacahuamilpa, Gro., 409.......I-8
Cadereyta, Qro, 2,979.......I-7
Cadereyta, N.L., 3,895.......I-4
Calvillo, Ags., 3,349.......G-6
Camargo, Chih., 7,187.......F-3
Campeche, Camp., 19,053.......B-7
Cananea, Son., 12,932.......D-2
Canatlan, Dgo., 3,369.......F-5
Cardenas, S.L.P., 11,139.......I-6
Cardenas, Tab., 2,532.......K-8
Carmen, Camp., 6,261.......L-8
Catemaco, Ver., 3,323.......K-8
Catorce, S.L.P., 651.......H-5
Cedral, S.L.P., 3,321.......H-5
Celaya, Gto., 24,379.......H-7
Cerralvo, N.L., 2,759.......I-4
Cerritos, S.L.P., 5,781.......H-6
Chalchicomula, Pue., 6,676.......J-8
Chalco, Mex., 3,208.......I-8
Champoton, Camp., 2,255.......B-7
Chapala, Jal., 2,721.......G-7
Chapulhuacan, Hgo., 1,080.......I-7
Charcas, S.L.P., 3,034.......H-6
Chautla, Pue., 2,938.......I-8
Chichen Itza, Yuc., 45.......C-6
Chichihualco, Gro., 3,443.......I-8
Chietla, Pue., 3,200.......I-8
Chihuahua, Chih., 44,646.......F-3
Chilapa, Gro., 7,148.......I-8
Chilchota, Mich., 2,323.......H-7
Cholula, Pue., 1,941.......I-8
Ciudad Bravos, Gro., 7,297.......I-8
Ciudad del Maiz, S.L.P., 2,312.......I-6
Ciudad Juarez, Chih., 39,375.......F-1
Ciudad Obregon, Son., 9,472.......D-3
Coalcoman, Mich., 2,485.......G-8
Coatepec, Ver., 11,251.......J-7
Cocula, Gro., 2,600.......I-8
Cocula, Jal., 7,167.......G-7
Coeneo, Mich., 2,217.......H-7
Colima, Col., 20,585.......G-8
Colon, Qro., 2,541.......I-7
Colotlan, Jal., 5,042.......G-6
Comalcalco, Tab., 2,860.......L-8
Comitan, Chis., 5,027.......L-9
Comonfort, Gto., 5,063.......H-7
Compostela, Nay., 2,726.......F-7
Concepcion del Oro, Zac., 6,028.......H-5
Concordia, Sin., 2,506.......F-5
Cordoba, Ver., 16,181.......J-8
Cortazar, Gto., 6,921.......H-7
Cosamaloapan, Ver., 5,417.......J-8
Coscomatepec, Ver., 4,629.......J-8
Cotija, Mich., 4,204.......G-7
Coyoacan, D.F., 24,266.......
(See reverse side)
Coyuca, Gro., 3,972.......I-9
Coyuca de Catalan, Gro., 4,890.......H-8
Cuatro Cienegas, Coah., 2,542.......H-4
Cuautla, Mor., 5,318.......I-8
Cuautitlan, Mex.......I-7
Cuernavaca, Mor., 8,160.......I-8
Cuetzalan, Pue., 6,423.......J-7
Cuilapan, Oax., 3,232.......J-9
Cuitzeo, Mich., 3,265.......H-7
Cuquio, Jal., 2,417.......G-7
Culiacan, Sin., 26,803.......E-5
Cunduacan, Tab., 2,521.......L-8
Cusihuiriachic, Chih., 3,818.......E-3
Cutzamala, Gro., 2,519.......H-8
Doblado, Gto., 3,102.......H-7
Doctor Arroyo, N.L., 3,046.......H-5
Dolores Hidalgo, Gto., 6,883.......H-7
Durango, Dgo., 34,764.......F-5
Dzibalche, Camp., 3,601.......B-6
Ejutla, Oax., 4,089.......J-9
El Oro, Mex., 7,790.......I-7
Encarnacion, Jal., 6,241.......H-6
Ensenada, B.C.T.N., 2,582.......A-1
Escuinapa, Sin., 4,433.......F-6
Espita, Yuc., 4,251.......C-6
Etzatlan, Jal., 5,417.......G-7
Fresnillo, Zac., 18,188.......G-6
Gomez Palacio, Dgo., 24,038.......G-4
Gonzalez, Gto., 6,649.......H-6
Guadalajara, Jal., 175,599.......G-7
Guadalupe, Zac., 4,334.......G-6
Guanajuato, Gto., 15,504.......H-7
Guaymas, Son., 8,786.......D-3
Guzman, Jal., 19,324.......G-7
Halacho, Yuc., 4,031.......B-6
Hecelchacan, Camp., 3,160.......B-6
Hermosillo, Son., 19,959.......D-3
Hidalgo, Mich., 6,048.......H-7
Horcasitas, Son., 2,800.......D-2
Huajuapan, Oax., 4,192.......J-8
Huamantla, Tlax., 6,478.......I-8
Huatabampo, Son., 4,508.......D-4
Huatusco, Ver., 6,349.......J-8
Huauchinango, Pue., 4,719.......I-7
Huehuetlan, Pue., 2,343.......I-8
Huejotzingo, Pue., 4,068.......I-8
Huejucar, Jal., 2,186.......G-6
Huejutla, Hgo., 3,163.......I-7
Huetamo, Mich., 5,607.......H-8
Huitzuco, Gro., 3,218.......I-8
Hunucma, Yuc., 4,905.......B-6
Iguala, Gro., 12,008.......I-8
Irapuato, Gto., 29,163.......H-7
Ixcaquistla, Pue., 2,521.......J-8
Ixtlahuaca, Mex., 2,375.......I-7
Ixtlan, Nay., 5,780.......G-7
Izamal, Yuc., 5,422.......B-6
Jacala, Hgo., 1,215.......I-7
Jacona, Mich., 3,770.......G-7
Jalapa, Ver., 33,124.......J-7
Jalostotitlan, Jal., 4,001.......G-7
Jaltipan, Ver., 4,046.......K-8
Jamay, Jal., 4,692.......G-7
Jerez, Zac., 7,868.......G-6
Jerecuaro, Gto., 2,416.......H-7
Jiquilpan, Mich., 5,487.......G-7
Jimenez, Chih., 6,033.......F-4
Jocotepec, Jal., 3,852.......G-7
Juarez, S.L.P., 2,641.......H-6
Juarez, Tamps.......I-6
Juchipila, Zac., 2,546.......G-6
Juchitan, Oax., 14,541.......K-9
La Barca, Jal., 10,268.......G-7
La Paz, B.C.T.S., 7,737.......D-5
La Piedad, Mich., 13,494.......H-7
Lagos, Jal., 10,808.......H-6
Lampazos, N.L., 3,639.......H-4
Leon, Gto., 69,281.......H-7
Lerdo, Dgo., 4,463.......G-4
Linares, N.L., 9,590.......I-5
Madero, Dgo., 2,107.......G-5
Magdalena, Son., 4,280.......D-2
Malinaltepec, Gro., 2,443.......I-9
Manzanillo, Col., 3,669.......G-8
Mapimi, Dgo., 3,854.......G-4
Maravatio, Mich., 3,813.......H-7
Mascota, Jal., 4,422.......F-7
Matamoros, Coah., 5,852.......G-4
Matamoros, Pue., 6,710.......I-8
Matamoros, Tamps., 9,733.......J-4
Matehuala, S.L.P., 13,791.......H-5
Maxcanu, Yuc., 3,806.......B-6
Mazapil, Zac., 1,905.......H-5
Mazatlan, Sin., 29,378.......F-6
Meoqui, Chih., 3,096.......F-3
Merida, Yuc., 95,151.......B-6
Mexicali, B.C.T.N., 14,842.......B-1
Mexico City, D.F., 1,029,068.......I-7
Mexico, D.F., 1,029,068.......I-7
Miahuatlan, Oax., 5,300.......J-9
Mier, Tamps., 2,264.......I-4
Milpa Alta, D.F., 12,608.......I-8
Minatitlan, Ver., 11,766.......K-8
Misantla, Ver., 3,418.......J-7
Mitla, Oax., 2,184.......J-9
Mixcoac, D.F., 37,634 (Reverse side)
Mochis, Sin., 9,871.......D-4
Mocorito, Sin., 2,753.......E-4
Monclova, Coah., 6,877.......H-4
Montemorelos, N.L., 5,545.......I-5
Monterrey, N.L., 131,912.......H-4
Morelia, Mich., 35,490.......H-7
Moroleon, Gto., 9,530.......H-7
Motul, Yuc., 5,254.......B-6
Mulege, B.C.T.S., 5,987.......C-4
Muna, Yuc., 3,484.......B-6
Muzquiz, Coah., 5,956.......H-3
Naco, Son., 2,132.......D-1
Nacozari, Son., 5,196.......D-2
Naolinco, Ver., 3,368.......J-7
Navojoa, Son., 9,154.......D-4
Nieves, Zac., 3,129.......G-5
Nochistlan, Zac., 4,470.......G-6
Nogales, Son., 14,085.......D-1
Nuevo Laredo, Tamps., 21,636.......I-3
Nueva Rosita, Coah., 9,000.......H-3
Oaxaca, Oax., 31,334.......J-9
Ocotlan, Jal., 11,386.......G-7
Ocotlan, Oax., 3,220.......J-9
Ojinaga, Chih., 1,535.......G-2
Ojitlan, Oax., 2,938.......J-8
Ojo Caliente, Zac., 3,783.......H-6
Ometepec, Gro., 4,421.......I-9
Orizaba, Ver., 42,904.......J-8
Otumba, Mex., 1,983.......I-7
Pachuca, Hgo., 41,211.......I-7
Palenque, Chis., 522.......L-8
Panindicuaro, Mich., 3,620.......H-7
Panuco, Ver., 6,999.......I-6
Papantla, Ver., 6,835.......J-7
Parral, Chih., 18,538.......F-4
Parras, Coah., 11,613.......H-4
Patzcuaro, Mich., 8,593.......H-7
Payo Obispo, Camp., 2,303.......C-7
Penjamillo, Mich., 2,733.......H-7
Penjamo, Gto., 10,001.......H-7
Periban, Mich., 2,298.......G-8
Perote, Ver., 4,348.......I-7
Peto, Yuc., 4,329.......B-7
Piedras Negras, Coah., 15,885.......H-3
Pilares de Nacozari, Son., 6,669.......D-2
Pinos, Zac., 3,014.......H-6
Progreso, Yuc., 11,481.......B-6
Puebla, Pue., 113,222.......I-8
Puerto Mexico, Ver., 8,273.......K-8
Puerto Obregon, Tab., 3,637.......L-8
Pungarabato, Gro., 5,000.......H-8
Purepero, Mich., 7,715.......H-7
Puruandiro, Mich., 8,108.......H-7
Queretaro, Qro., 3[illegible],648.......H-7
Quiroga, Mich., 2,657.......H-7
Rayon, S.L.P., 2,620.......I-6
Real del Monte, Hgo., 11,312.......I-7
Reyes, Mich., 3,871.......G-7
Reynosa, Tamps., 4,846.......I-4
Rincon de Romos, Ags., 3,979.......G-6
Rio Verde, S.L.P., 7,963.......I-6
Rosario, Sin., 7,641.......F-6
Sabinas, Coah., 4,541.......H-3
Sabinas Hidalgo, N.L., 4,929.......H-4
Sahuayo, Mich., 8,470.......G-7
Salamanca, Gto., 9,830.......H-7
Salina Cruz, Oax., 5,393.......K-9
Salinas, S.L.P., 3,847.......H-6
Saltillo, Coah., 42,667.......H-4
Salvatierra, Gto., 7,591.......H-7
San Bartolome, Chis., 3,414.......L-9
San Buenaventura, Coah., 3,038.......H-4
San Angel, D.F., 22,518.......
(See reverse side)
San Ciro, S.L.P., 3,612.......I-6
San Cristobal, Chis., 16,800.......L-9
San Francisco del Rincon, Gto., 9,564.......H-7
San Jose del Cabo, B.C.T.S., 2,633.......D-6
San Juan, Jal., 5,525.......H-7
San Juan de Guadalupe, Dgo., 2,767.......G-5
San Juan del Rio, Dgo., 2,065.......G-5
San Juan del Rio, Qro., 7,020.......I-7
San Juan, Jal., 5,525.......H-7
San Luis de la Paz, Gto., 6,454.......H-7
San Luis Potosi, S.L.P., 73,053.......H-6
San Marcos, Gro., 3,462.......I-9
San Miguel, Jal., 4,495.......G-7
San Pedro, Coah., 13,196.......G-4
Santa Ana, Son., 2,800.......D-2
Santa Barbara, Chih., 4,179.......F-4
Santa Clara, Mich., 2,706.......H-8
Santa Eulalia, Chih., 6,045.......F-3
Santa Rosalia, B.C.T.S., 6,175.......C-3
Santiago, Dgo., 2,961.......F-5
Santiago, Nay., 5,715.......F-6
Sayula, Jal., 8,654.......G-7
Silao, Gto., 12,789.......H-7
Sombrerete, Zac., 5,056.......G-5
Sotuta, Yuc., 2,782.......B-6
Tacambaro, Mich., 4,391.......H-8
Tamazula, Jal., 3,619.......G-7
Tamazunchale, S.L.P., 2,487.......I-7
Tampico, Tamps., 69,965.......J-6
Tangancicuaro, Mich., 2,161.......H-7
Tantoyuca, Ver., 3,574.......I-6
Tapachula, Chis., 13,788.......A-9
Taxco, Gro., 3,554.......I-8
Tecamachalco, Pue., 3,466.......J-8
Tecoanapa, Gro., 2,915.......I-9
Tecpan, Gro., 3,632.......H-9
Tehuacan, Pue., 10,679.......J-8
Tehuantepec, Oax., 8,347.......K-9
Tequila, Jal., 4,761.......G-7
Tequisquiapan, Qro., 3,291.......I-7
Tenancingo, Mex., 6,157.......I-8
Tenango, Mex., 5,823.......I-8
Tenosique, Tab., 2,514.......L-8
Teocaltiche, Jal., 7,225.......G-6
Teocelo, Ver., 3,896.......J-8
Tepatitlan, Jal., 7,397.......G-7
Tepeaca, Pue., 2,972.......I-8
Tepecuacuilco, Gro., 3,500.......I-8
Tepic, Nay., 15,210.......F-6
Tepotzotlan, Mex., 1,454.......
(See reverse side)
Tepoztlan, Mor., 2,580.......
(See reverse side)
Texcoco, Mex., 4,206.......I-7
Texmelucan, Pue., 6,841.......I-8
Teziutlan, Pue., 11,645.......J-7
Ticul, Yuc., 7,198.......B-6
Tijuana, B.C.T.N., 8,384.......A-1
Tinguindin, Mich., 2,627.......G-7
Tixcocob, Yuc., 2,438.......B-6
Tixtla, Gro., 5,511.......I-8
Tizapan, Jal., 3,048.......G-7
Tizimin, Yuc., 5,188.......C-6
Tlacolula, Oax., 4,607.......J-9
Tlacotalpan, Ver., 5,463.......J-8
Tlalnepantla, Mex., 3,216.......I-7
Tlalpam, D.F., 15,009.......
(See reverse side)
Tlaltenango, Zac., 5,175.......G-6
Tlapacoyan, Ver., 3,336.......J-7
Tlaxcala, Tlax., 2,393.......I-8
Tlaxiaco, Oax., 7,935.......J-9
Toliman, Qro., 3,401.......I-7
Toluca, Mex., 36,737.......I-8
Tonala, Chis., 4,818.......K-9
Torreon, Coah., 66,031.......G-4
Totolapam, Gro., 3,800.......H-8
Tula, Hgo., 2,538.......I-7
Tula, Tamps., 3,629.......I-6
Tulancingo, Hgo., 9,497.......I-7
Tuxpan, Nay., 7,312.......F-6
Tuxpam, Ver., 11,510.......J-7
Tuxtepec, Oax., 5,360.......J-8
Tuxtla Gutierrez, Chis., 13,483.......L-9
Tuxtla, Ver., 7,470.......K-8
Tuxtla Chico, Chis., 2,490.......A-9
Uman, Yuc., 3,100.......B-6
Union de Tula, Jal., 4,420.......G-7
Ures, Son., 2,536.......D-2
Uruapan, Mich., 16,713.......H-7
Uxmal, Yuc., 4.......B-6
Valladolid, Yuc., 5,601.......C-6
Valle de Bravo, Mex., 3,637.......H-8
Valle de Santiago, Gto., 11,805.......H-7
Valles, S.L.P., 3,001.......I-6
Vanegas, S.L.P., 1,486.......H-5
Veracruz, Ver., 67,889.......J-8
Victoria, Tamps., 16,012.......I-5
Viesca, Coah., 3,168.......G-4
Villa Acuna, Coah., 5,271.......H-2
Villahermosa, Tab., 15,035.......L-8
Villaldama, N. L., 3,029.......H-4
Villanueva, Zac., 3,242.......G-6
Villa Union, Sin., 3,042.......F-6
Xico, Ver., 5,475.......J-7
Xilitla, S.L.P., 2,651.......I-6
Xochihuehuetlan, Gro., 2,688.......I-8
Xochimilco, D.F., 27,712.......
(See reverse side)
Yahualica, Jal., 4,420.......G-7
Yautepec, Mor., 4,316.......I-8
Yuriria, Gto., 6,596.......H-7
Zacapoaxtla, Pue., 2,064.......J-7
Zacapu, Mich., 5,673.......H-7
Zacatecas, Zac., 18,801.......G-6
Zacatlan, Pue., 4,060.......I-7
Zacoalco, Jal., 7,942.......G-7
Zacualpan, Mex., 2,895.......I-8
Zacualtipan, Hgo., 3,056.......I-7
Zamora, Mich., 13,208.......H-7
Zapotlanejo, Jal., 2,841.......G-7
Zaragoza, Dgo., 2,505.......G-4
Zinapecuaro, Mich., 2,630.......H-7
Zitacuaro, Mich., 8,717.......H-8
Zitlala, Gro., 3,200.......I-8
Zumpango, Mex., 4,484.......
(See reverse side)

UNITED STATES
ESTADOS UNIDOS

Abilene, Tex., 25,300.......I-1
Austin, Tex., 56,000.......J-2
Big Spring, Tex., 15,400.......H-1
Brownsville, Tex., 26,800.......J-4
Brownwood, Tex., 13,600.......I-1
Cleburne, Tex., 11,539.......J-1
Corpus Christi, Tex., 30,700.......J-3
Dallas, Tex., 294,105.......J-1
Del Rio, Tex., 11,900.......H-2
El Paso, Tex., 105,800.......F-1
Fort Worth, Tex., 169,200.......J-1
Harlingen, Tex., 13,900.......J-4
Laredo, Tex., 34,300.......I-3
San Angelo, Tex., 28,000.......H-1
San Antonio, Tex., 254,789.......I-2
San Benito, Tex., 11,700.......J-4
San Diego, Cal., 160,100.......A-1
Sweetwater, Tex., 12,000.......H-1
Temple, Tex., 16,100.......J-2
Tucson, Ariz., 34,100.......D-1
Waco, Tex., 55,500.......J-1

SHELL

OFFICIAL ROAD MAP
...RTA GENERAL DE CARRETERAS

MEXICO
...UBLICA MEXICANA

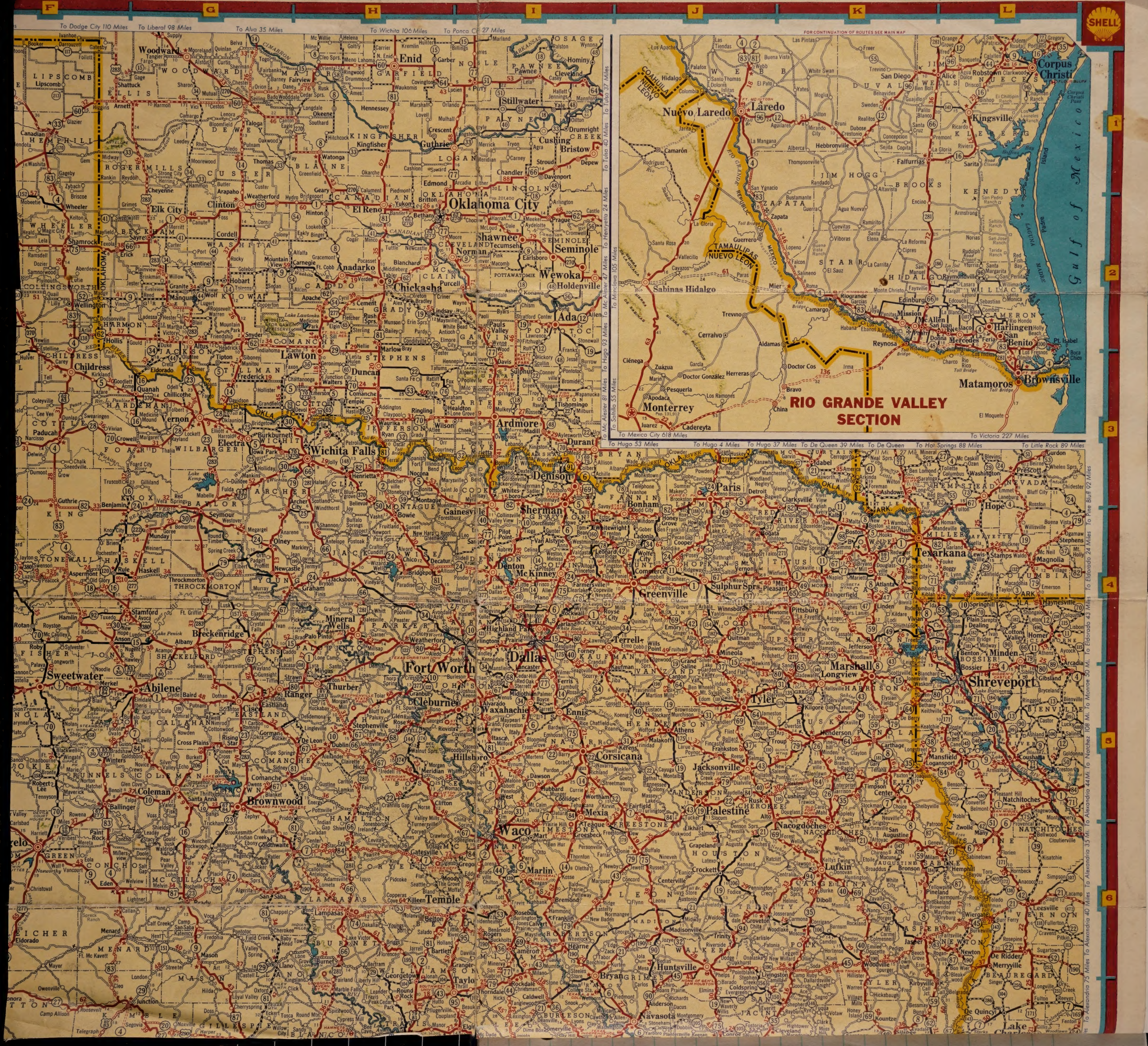
SCALE OF MILES
0 25 50 75 100 125
50 100 150 200
SCALE OF KILOMETERS

COPYRIGHT BY PROPIEDAD ASEGURADA POR
The H.M. Goushá Company
CHICAGO ILL. PRINTED IN U.S.A.

POINTS OF INTEREST
(See Mexico City, on reverse side, for additional Points of Interest)

...ico's Atlantic City. Nearby points of interest are: Laguna ...s de la Caleta, Los Hornos, La Quebrada and Pié de la ... I-9
...S: Ojo Caliente medicinal thermal baths ... G-6
...g Camp claiming largest production of copper ... D-2
Principal Archeological Ruins of Late Maya-Quiché ... C-6
...on Miguel Hidalgo y Costilla, the Father of Mexican ...xecuted by the Royalists, July 31, 1811 ... F-3
...: First Mexican Congress gathered in this City ... I-8
...GO: Noted Church: birthplace of the Independence ...mber 15, 1810 ... H-7
...AM: Excellent bass fishing place about 85 miles from ...charge made ... H-3
... cane plantations in full development through modern ... I-6
... Mexico's second largest City, known as the "Western ... G-7
...n the last 400 years this silver-mining City has produced ...ion pesos ... H-7
...cellent oranges grown the year 'round ... D-3
... having the best colonial roads ... J-7
... Waterfall on Santiago River ... G-7
...ALA: Summer resorts on this lake—fifty miles long and ... G-7
...O: A fine lake offering summer resort attractions ... H-7
...UARO: A beautiful Mexican lake, with its five islands ...tarascas" in the villages of Tzintzuntzán and Ihuatzio ... H-7
...XMUCUY: Maya-Quiché Ancient Empire Archeolog... ... B-7
...way to Chichén Itzá and Uxmal Mayan Ruins ... B-6
...nteresting Archeological Ruins in America, belonging to ...poteca Civilization ... J-9

21. MONTE ALBAN GRAVES: In 1932 six of the ten Zapotecan Kings' graves were discovered and jewels and pottery were found, belonging to a civilization contemporaneous of the Egyptians J-9
22. MONTEMORELOS: Where one may get a good supply of fine oranges ... I-5
23. MONTERREY: Mexico's third largest City. Extensive industries H-4
24. MORELIA: Seat of the Tarascan Empire ... H-7
25. ORIZABA: Magnificent view of Pico de Orizaba ... J-8
26. PALENQUE: Ancient Maya-Quiché Empire Ruins ... L-8
27. PICO DE ORIZABA: Highest Peak in North America: El. 18,620 feet ... J-8
28. QUERETARO: Battlefield: Emperor Maximilian besieged by the Republican Army; made prisoner in actual battle and executed after court-martial, 1867. Home of "aguacates" (butter pears) ... H-7
29. SALTILLO: Best climate of Northern Mexico because of elevation ... H-4
30. SAN LUIS POTOSI: Home of "tunas" (cactus pears) ... H-6
31. STA. ROSALIA: Extensive Copper Mining Camp. Auto repair shop here ... C-3
32. TAMAZUNCHALE: Center of Huasteca Potosina Region. Big game and fish ... I-7
33. TAMPICO: Center of the oilfields region ... J-6
34. TAXCO: Its Cathedral is one of the finest in the country ... I-8
35. TEHUACAN: Famous medicinal baths ... J-8
36. TIJUANA: Race track and popular resort. Aguacaliente is a suburb of this City ... A-1
37. TORREON: Mexico's youngest and most modern large City. Center of a great cotton raising region ... G-4
38. UXMAL: Archeological Ruins of the Late Maya Empire ... B-6
39. VERACRUZ: Mexico's first seaport ... J-8
40. VILLA ACUNA: One of the most powerful broadcasting stations in the world ... H-2
41. VILLAHERMOSA: Center of cocoa and precious lumber region ... L-8
42. VOLCAN DE COLIMA: A volcano occasionally active ... G-7


SHELL
RIO GRANDE VALLEY SECTION
FOR CONTINUATION OF ROUTES SEE MAIN MAP
Gulf of Mexico
Nuevo Laredo
Laredo
Corpus Christi
Kingsville
Sabinas Hidalgo
Monterrey
Matamoros
Brownsville
Harlingen
San Benito
McAllen
Mission
Edinburg
Reynosa
Oklahoma City
Wichita Falls
Lawton
Enid
Stillwater
Guthrie
Shawnee
Norman
Seminole
Wewoka
Ada
Chickasha
Anadarko
Ardmore
Durant
Denison
Sherman
Bonham
Paris
Greenville
Texarkana
Hope
Sulphur Sprs.
Mineral Wells
Weatherford
Fort Worth
Dallas
Abilene
Sweetwater
Cisco
Cleburne
Waxahachie
Ennis
Corsicana
Tyler
Marshall
Longview
Shreveport
Minden
Natchitoches
Mansfield
Palestine
Nacogdoches
Jacksonville
Mexia
Waco
Temple
Brownwood
Coleman
Ballinger
Eden
Menard
Mason
Junction
Llano
Burnet
Lampasas
Georgetown
Round Rock
Bryan
Huntsville
Navasota
Lufkin
Crockett
Palestine
Rusk
Jasper
Kountze
Silsbee
Vernon
Wichita Falls
Henrietta
Olney
Seymour
Haskell
Stamford
Anson
Breckenridge
Albany
Cisco
Eastland
Ranger
Thurber
Stephenville
Hico
Hillsboro
Meridian
Clifton
Cleburne
Granbury
Glen Rose
Comanche
Brownwood
Coleman
Santa Anna

E. V. Miller
1940

Specimen List.

March 14 Nogales, Santa Cruz Co., Arizona.

skull only
41 ♀ Felis concolor Taken about 2 weeks ago by William Hathaway on his ranch, approximately 7 miles NE Nogales. Given to MVZ by Fred Dille.

March 19 2450± ft. Cooper's Well, 47 mi. S Marathon, Brewster Co. Texas.

42	♂	Dipodomys merriami	253-156-37-15	50.5 gm.
43	♀	Dipodomys ordii	236-136-38-12	51.6 gm.
44	♂	Tadarida mexicana	97-41-10-19	8.5 gm.
45	♂	Perognathus penicillatus	181-100-22-7	19.6 gm.
46	♂	" "	164+-82+-22-7	19.5 gm.
47	♂	" "	175-97-22-7	16.1 gm
48	♂	" "	176-97-21-7	16.3 gm.

March 20 5800± ft. 1¼ mi. NE Mt. Emory, Chisos Mts, Brewster Co., Texas.

49	♂	Peromyscus boylii	179-98-20-18	16.2 gm.

March 20 5800± ft. ½ mi. N mt. Emory, Chisos Mts., Brewster Co., Texas.

50	♂	Conepatus sp.	620-270-74-26	1492 gm.

March 24 400± ft. 38 mi. S Nuevo Laredo in Nuevo Leon, Mexico.

51	♀	Perognathus merriami	125-63-18-7	7.9 gm.
52	♀	Dipodomys merriami	247-149-39-8	45.9 gm.
53	♀	Neotoma micropus	342-156-39-28	236.0 gm.
54	♀	" "	355-149-37-31	234.6 gm.
55	♂	" "	380-164-41-30	370.0 gm.
56	♂	" "	331-129-39-29	312.5 gm.

Sent to Depto. Forestal y de Caza y Pesca, Mexico, D.F.

57	♂	Silvilagus sp.	320-55-74-65	647.5 gm.
58		Gopher Snake	Total Length - 1225	Nose to vent - 1000
59.	♀	Lepus californicus	560-88-120-114	

E. V. Miller
1940

Specimen List

60 ♀ ~~(Incubator)~~ Sylvilagus sp? 360-45-79-67 823 gm.
400± ft. 38 mi. S Nuevo Laredo in Nuevo Leon, Mexico

March 26 ~~Locality as March 24~~

skel. only
61 ♂ Peromyscus leucopus 174-80-21-18 23.8 gm.

62 ♂ " " 179-82-22-18 26.6 gm

63 ♂ " " 191-92-22-18 28.5 gm.

64 ♂ " " 176-78-23-18 32.0 gm.

65 ♂ Perognathus merriami 125-64-18-7 9.0 gm.

66 Lizard (Callisaurus?) 6.1 gm.

67 ♂ White-necked Raven 495 gm. Shot by S.B. Benson.

68 ♀ Pyrrulopia 32.4 gm

March 28 2900'± elevation La Calera, 2 mi. SW Santa Catarina, Nuevo Leon.

69 ♂ Peromyscus boylii 204-117-21-20 17.9 gm.

70 ♂ " " 205-123-20-20 19.1 gm.

71 ♀ " " 200-108-20-21 17.5 gm.

72 ♂ " " 185-105-20-19 16.1 gm.

73 ♂ " " 119-115-21-19 17.7 gm

74 ♀ ~~(incubo)~~ Tadarida femorosaca 103-41-10-23 10.2 gm.

75 Sceloporus sp? 4.5 g.

76 ♂ Blue-throated Hummingbird 8 gm

77 ♂ Curve-billed Thrasher ~~to~~ 80.6 gm.
2900± ft. La Calera, 2 mi. SW Santa Catarina, Nuevo Leon.

March 29 ~~Locality as March 28~~

78 ♂ Peromyscus boylii ~~#~~ 198-113-21-19 18.3 gm.

79 ♂ " " 203-118-21-21 18.2 gm

80 ♀ " " 178-99-19-19 15.6 gm.

81 ♂ 191-108-20-19 16.8 gm.

82 ♂ ~~(testes 6 mm long)~~ Dryobates scalaris 3 x 5.6 gm.

83 Sex? Clay colored Sparrow - skeleton.

E.V. Miller
1940

Specimen List.

March 29 (cont.) 2900± ft. La Calera, 2 mi. SW Santa Catarina, Nuevo Leon.

84 Sceloporus sp? 4.7 gm.

85 Sceloporus sp? 2.0 gm.

March 30 2400± ft. Rancho Rodeo, 7.3 mi. S Santa Catarina, Nuevo Leon.

Sent to Depto. Forestal y de Caza y Pesca, Mexico, D.F. June 30, 1941

86. ♀ Peromyscus boylii 187-100-19-20 18.9 gm.

87 ♂ " " 181-100-19-19 14.8 gm.

88 ♀ " " 174-90-19-19 16.4 gm.

89 ♂ Golden-fronted Woodpecker 84.7 gm.

90 ♂ Black-crested Titmouse 16.2 gm. (immature)

91 Holbrookia sp. (Lizard) 3.8 gm.

92 ♀ Lark Bunting (skeleton only) 37.9 gm.

March 31 2400± ft. Rancho Rodeo, 7.3 mi. S Santa Catarina, Nuevo Leon. ~~Locality as March 30~~

93 ♀ Peromyscus boylii 209-118-21-21 20.0 gm.

94 ♂ " " 192-107-19-20 17.6 gm.

95 ♀ Tadarida mexicana 93-33-8-19 10.0 gm.

96 ♂ " " 93-34-9-19 10.5 gm.

97 ♂ Sigmodon sp. 250-114-27-18 88.0 gm.

Sent to Depto. Forestal y de Caza y Pesca, Mexico, D.F. June 30, 1941

98 ♀ Carpodacus mexicanus 20.0 gm.

99 ♀ Calliope(?) Hummingbird 3.2 g.

100 ♂ Silvilagus sp. 381-50-81-65-80 770 gm.

101 ♀ Scaled Quail 175 gm.

102 Cremidophorus sexlineatus 8.5 gm.

103 ♂ Pipistrellus sp. 3.3 gm 69-26-5-6

April 1 2800± ft. Arroyo San Bartolo, 7 mi S Santa Catarina, Nuevo Leon.

104 ♀ Sceloporus sp. 5.4 gm.

105 ♂ " " 7.4 gm.

106 ♂ " " 6.6 gm.

E.V. Miller
1940

Specimen List

107 ♂ Sceloporus sp. 6.0 gm (wt. with complete tail)
108 ♀ " " 4.0 gm.
109 ♂ " " 5.5 gm.
110 ♂ " " 3.9 gm
111 ♂ " " 8.5 gm.
112 ♂ " " 3.6 gm.
113 ♂ " " 6.7 gm.
114 ♀ " " 3.5 gm.
115 ♂ " " 1.0 gm.
116 ♀ " " 2.6 gm.
117 ♂ " " 7.9 gm.
118 ♀ " " 0.9 gm.
119 ♀ " " 2.1 gm.
120 ♀ " " 3.4 gm

March 30 3300± ft. ~~Rancho de la Pila~~ Rio Santa Catarina, 2 mi. S Santa Catarina, Nuevo Leon

121 Frog.
122 Fish.

April 2 2400± ft. Rancho Rodeo, 7.3 mi. S Santa Catarina, Nuevo Leon.

123 ♂ Pipistrellus sp. 74-29-6-8 3.5 gm. This pipistrelle was found on the ground this date and was probably shot 2 days ago.
124 ♀ Broad-billed Hummingbird 3.4 gm.
125 ♂ Pipistrellus sp. 3.4 gm. 72-32-7-10
126 ♀ " " 78-32-7-10 4.8 gm.
127 ♂ " " 68-24-6-11 3.1 gm.
128 ♀ " " 77-33-7-12 3.5 gm.

April 5 550± ft. 31 mi. ENE Bravo, Nuevo Leon, Mexico.

129 ♂ Neotoma micropus 374-149-40-31^{n}-28^{c} 398 gm.

E. V. Miller
1940

Specimen List

April 5 (cont.) 550± ft. 31 mi. ENE Bravo, Nuevo Leon, Mexico.

130	♀	Neotoma micropus	361-157-39-26n-22c		269 gm.
~~131~~	♀	" "	345-143-38-27n-25c		279 gm.
132	♀	" "	344-148-39-27n-24c		264 gm.
133	♀	" "	341-140-37-27n-25c		255 gm.
134	♂	Golden-fronted Woodpecker			78.3 gm.
135	♂	Perognathus merriami	94+-27+-16-6n-5c		8.7 gm.
136	♂	" "	115-52-16-6n-5c		8.3 gm
137	♂	" "	125-62-16-6n-5c		8.1 gm.
138	♂	" "	121-59-16-7n-5c		8.5 gm.

April 5 24 mi. ESE Reynosa, Tamaulipas, Mexico.

139		Cremidophorus sexlineatus	~~5.3 gm.~~	2.6 gm.
140		" "		2.8 gm.
141		" "		5.3 gm.
142		" "		2.3 gm.

April 6 24 mi. ESE Reynosa, Tamaulipas, Mexico.

143	♀	Neotoma micropus	263-159-40-29n-28c		268 gm.
144	♂	Liomys sp.	244-132-29-17n-11c		50.8 gm
145	♀	" "	233-125-28-18n-11c		42.9 gm.
146	♀	Peromyscus leucopus	168-82-20-18n-16c		22.3 gm.
147	♂	Perognathus merriami	108-50-15-7		7.5 gm.
148	♂	" "	89+-32+-15-7		7.6 gm.
149	♂	" "	129-60-16-7		9.3 gm.

April 7 5.7 mi S Matamoros, Tamaulipas, Mexico.

150	♂	Onychomys leucogaster	180-68-24-22n-19c		46.3 gm.
		Sent to Secretaría de Fomento Forestal y de Caza y Pesca, Mexico D.F. June 30, 1941			
151	♀	" "	170-62-22-20n-15c		38.1 gm.
152	♂	Perognathus merriami	122-58-17-7n-4c		8.0 gm.
153	♂	Peromyscus leucopus	167-80-21-17n-15c		23.4 gm.
154	♀	" "	167-72-22-18n-14c		25.0 gm.

E. V. Miller
1940

Specimen List.

April 7 (cont.) 5.7 mi. S Matamoros, Tamaulipas.

155	♀	Peromyscus leucopus	165-74-21-18n-16c	17.9 gm.
156	♂	" "	158-64-21-17n-15c	24.3 gm.
157	♀	" "	175-87-20-18n-15c	24.5 gm.
158	♂	" "	161-73-20-18n-13c	19.3 gm.
159	♂	" "	162-75-21-16n-13c	21.3 gm.
160	♂	Sylvilagus sp.	342-44-74-55n-61c	659 gm.

April 8 El Tigre, 14.5 mi. S Matamoros, Tamaulipas, Mexico.

161		Toad.	10.2 gm.

April 9 5.7 mi. S Matamoros, Tamaulipas

162	♀	Onychomys leucogaster	176-55-23-20n-17c	62.3 gm.
163	♀	" "	175-59-23-21n-17c	50.3 gm
164	♂	" "	168-60-23-19n-15c	40.4 gm.
165	♀	Liomys sp.	223-116-28-16n-11c	36.7 gm.
166	♂	Perognathus merriami	119-61-16-6n-4c	7.8 gm.
167	♂	" "	124-61-16-6n-4c	8.9 gm.
168	♂	" "	127-63-17-7n-4c	8.3 gm.
169	♂	" "	125-60-16-6n-4c	8.6 gm.
170	♀	Rhaethrodontomys sp.	159-89-16-~~14-15~~ 15n-10c	12.3 gm.

April 10 1 mi. SE Reynosa, Tamaulipas, Mexico.

171	♂	Perognathus merriami	120-56-16-7n-4c	8.9 gm.
172	♂	" "	101±-39±-16-7n-4c	9.4 gm.

April 11 Charco Escondido, 20± mi. S Reynosa, Tamaulipas.

173	♂	Peromyscus leucopus	151-72-20-18n-13c	15.3 gm.
174	♂	Myotis velifer	97-41-8-16n-13c	9.4 gm.
175	♂	" "	length?-41-8-16n-12c	11.5 gm.
176	♂	" "	length?-41-9-17n-12c	11.3 gm.

E.U. Miller
1940

Specimen List.

April 11 (cont.) Charco Escondido, 20± mi. S Reynosa, Tamaulipas

177	♂	Myotis velifer	94-34-9-17n-12c	10.8 gm.
178	♂	" "	92-35-8-16n-13c	9.0 gm.
179	♂	" "	~~104~~ length? -39-9-16n-12c	11.2 gm.
180				
~~April 12~~	♂	Tadarida mejicana	92-33-9-19n-14c	10.0 gm
181		Rattlesnake	930 mm.	400 gm.

April 12 Charco Escondido, 20± mi. S Reynosa, Tamaulipas.

182	♀	Neotoma micropus	378-178-40-28n-25c	237 gm.
		Sent to Dirección Forestal y de Caza y Pesca, Mexico, D.F. June 24 1941		
183	♀	" "	317-140-35-28n-25c	179 gm.
184	♂	" "	360-150-36-29n-25c	249 gm.
185	♀	" "	358-160-39-29n-25c	273 gm.
186	♂	" "	351-152-37-28n-24c	258 gm.
187	♂	Peromyscus leucopus	155-74-20-17n-14c	22.9 gm.
188	♂	" "	160-78-20-18n-13c	21.0 gm.
189	♀	" "	165-78-21-18n-15c	22.9 gm.
190	♂	Perognathus merriami	112-53-15-6n-4c	7.6 gm.
191	♂	" "	120-61-15-6n-4c	8.3 gm
192	♀	" "	108-52-15-7n-4c	6.6 gm.
193	♂	" "	124-55-15-7n-4c	8.4 gm.
194	♀	" "	112-57-15-6n-4c	6.0 gm.
195	♀	(skull only) " "	115-56-15-6n-4c	6.8 gm.
196	♂	(skull only) " "	130-59-16-7n-4c	9.1 gm.
197	♂	(skull only) " "	75-12-15-6n-4c	7.4 gm.

April 13 Charco Escondido, 20± mi. S Reynosa, Tamaulipas.

198	♂	Rheithrodontomys sp.	152-88-19-14n-11c	9.1 gm.

April 13 36 mi. ESE Monterrey, Nuevo Leon.

199	♂	Callisaurus sp.	11.0 gm.

E. V. Miller
1940

Specimen List.

April 13 (cont.) 36 mi. ESE Monterrey, Nuevo Leon.

200 ♀ Callisaurus sp. 4.3 gm.
April 13 7.6 mi. W China, Nuevo Leon.

201 ♀ Sceloporus sp. 40.2 gm

April 14 36 mi. ESE Monterrey, Nuevo Leon.

202	♀	Peromyscus eremicus	201-108-20-20^{h}-18^{c}	27.6 gm.
203	♀	" "	189-100-20-19^{h}-18^{c}	20.8 gm
204	♂	" "	179-94-21-19^{h}-17^{c}	20.7 gm.
205	♀	Perognathus nelsoni	184-107-23-9^{h}-6^{c}	14.9 gm
206	♂	" merriami	132-65-17-7^{h}-5^{c}	9.9 gm
207	♂	" "	67^{+}-11^{+}-16-7^{h}-5^{c}	8.2 gm.
208	♂	" "	130-66-17-7^{h}-5^{c}	8.8 gm.
209	♂	Verdin	7.4 gm.	

April 15 # 4100' Aguaje del Lobo, 10 mi. S Monterrey, Nuevo Leon.

210	♀	Neotoma-like mammal	338-170-33-28^{h}-24^{c}	125.7 gm.
211	♂	Peromyscus boylii	204-107-20-20^{h}-15^{c}	23.2 gm.
212	♀	" "	193-101-20-19^{h}-15^{c}	25.1 gm
213	♀	" "	196-101-20-19^{h}-15^{c}	23.7 gm.
214	♂	" "	195-98-21-20^{h}-16^{c}	22.3 gm.
215	♀	" "	204-105-20-20^{h}-15^{c}	22.7 gm.
216	♂	" "	189-97-21-19^{h}-16^{c}	25.3 gm.
217	♂	" "	190-98-21-19^{h}-15^{c}	23.1 gm.
218	♂	Bassariscus astutus	730-384-70-54^{h}-41^{c}	877 gm
219		Skink.		

April 17 Km 755, Cruz e Cruz, 29 mi. N Ciudad Victoria, Tamaulipas.

220	♂	Perognathus merriami	116-52-15-7^{h}-4^{c}	9.1 gm.
221	♂	" "	length?-64-16-7^{h}-4^{c}	9.4 gm.
222	♀	" "	121-58-15-7^{h}-4^{c}	7.2 gm

E. U. Miller
1940

Specimen List

April 17 Km. 755, Cruz e Cruz, 29 mi. N Victoria, Tamaulipas.

223	♀	Peromyscus leucopus	173-84-20-19^{h}-16^{c}	22.1 gm
224	♀	" "	164-74-21-19^{h}-15^{c}	17.6 gm.
225	♂	" "	159-74-19-18^{h}-15^{c}	19.5 gm.
226	♂	Perognathus hispidus	186-89-21-12^{h}-8^{c}	29.7 gm.
227	♀	Sigmodon sp.	244-100-28-21-16	86.5 gm.
228	♂	Baiomys sp.	len.?-tail?-14-12^{h}-8^{c}	7.8 gm.
229	♂	Liomys sp.	223-118-28-15^{h}-11^{c}	45.7 gm.
230	♀	" "	234-130-28-17^{h}-12^{c}	39.4 gm.
231	♀	" "	235-124-27-16^{h}-11^{c}	40.0 gm.
232		Toad		
233		Toad		
234		Toad.		
235		Frog.		

April 18. Arroyo los Miradores, 1 mi. W Km. 619, 22 mi. N Linon, Tamaulipas.

236	♀	Orizomys sp.	289-158-31-18^{h}-15^{c}	69.4 gm.
237	♂	Peromyscus leucopus	178-97-21-17^{h}-14^{c}	24.0 gm.
239	♂	" "	168-78-20-16^{h}-13^{c}	21.5 gm.
240	♂	" "	164-76-20-18^{h}-15^{c}	21.4 gm.
241	♀	" "	157-71-20-19^{h}-15^{c}	22.8 gm.
242	♀	" "	172-79-21-18^{h}-14^{c}	24.6 gm.
243	♀	" "	166-77-20-18^{h}-14^{c}	20.1 gm.
244	♂	Motmot	110.0 gm.	
245	♂	"Black" Jay?	247 gm.	Native name = Papán
246	♂	Flycatcher sp?	34.0 gm.	
247	♂	Kind of Kingbird	46.2 gm.	

E. V. Miller
1940

Specimen List

April 19 — 9 mi. S Valles, San Luis Potosi

skel. only
248 ♂ Peromyscus boylii 204-111-21-ear? 21.7 gm skel. only.
249 ♀ Wren.

April 20 — 7100± ft. Magney Verde, 8.5 mi. NE Zimapan, Hidalgo.

250 ♂ Peromyscus sp. 187-99-21-20n-17c ; 23.0
251 ♂ Eptesicus fuscus 113-49-12-20n-14c ; 14.1
252 ♂ " " 104-46-11-19n-13c ; 12.7
253 ♀ Sceloporus sp. 2.2 gm.
254 ♂ Thryomanes bewicki 10.8 gm.
255 ♂ " " 11.5 gm.
256 ♂ Junco sp. 21.5 gm.

April 21 — 5700± ft. 0.7 mi. S Puente Tasquillo, Hidalgo.

257 ♂ Pipistrellus sp. 75-34-6-13n-12c ; 3.6
258 ♂ Peromyscus truei 221-126-23-22n-19c ; 28.3
259 ♀ " " 217-126-25-22n-19c ; 27.0

Sanitó. Depto. Forestal y de Caza y Pesca, Mexico, D.F. June 30, 1941

260 ♀ " " 215-125-23-22n-20c ; 23.7
261 ♂ " " 232-139-25-24n-20c ; 28.6
262 ♂ " " 225-129-25-23n-21c ; 29.0
263 ♂ " " 222-133-23-23n-20c ; 28.7
264 ♂ " " 234-138-25-23n-18c ; 30.2

April 22 — 8000± ft. Templo del Sol, Piramides de San Juan Teotihuacan, Mexico.

265 ♂ Peromyscus truei 229-117-25-23n-20c ; 35.2

April 22 — 8000± ft. Templo del Quetzalcoatl, Piramides de San Juan Teotihuacan, Mexico.

266 ♀ Geomys? or Cratogeomys? 250-81-39-7n-5c ; 172

April 25 — Parque Chapultepec, Mexico, D.F.

267 ♂ Sceloporus ?

E. V. Miller
1940

Specimen List.

May 1 9600± ft 5 mi. E Amecameca, Mexico

268	♂	Peromyscus melanotis	160-69-21-$\overset{n}{21}$-$\overset{c}{18}$	21.0 gm.
269	♀	" "	174-84-21-$\overset{n}{21}$-$\overset{c}{17}$	24.4 gm.
270	♂	Lasiurus cinereus	132-52-12-$\overset{n}{19}$-$\overset{c}{11}$;	20.2
271	♂	Eptesicus fuscus	114-43-10-$\overset{n}{15}$-$\overset{c}{11}$;	16.6
272		Sciloporus (?) sp.	1.0 gm.	
273	♂	Peromyscus melanophrys? sp.?	201-85-25-$\overset{n}{21}$-$\overset{c}{19}$;	38.5
274	♂	" "	212-100-25-$\overset{n}{21}$-$\overset{c}{18}$;	44.0
275	♀	" "	196-82-24-$\overset{n}{21}$-$\overset{c}{18}$;	43.0

May 2 11,000± ft. N slope Popocatepetl, Mexico.

276	♂	Peromyscus melanotis	155-71-20-$\overset{n}{20}$-$\overset{c}{18}$;	21.4
277	♂	" "	153-71-21-$\overset{n}{20}$-$\overset{c}{18}$;	20.2
278	♂	" "	160-73-21-$\overset{n}{19}$-$\overset{c}{17}$;	22.8
279	♂	" "	161-69-21-$\overset{n}{20}$-$\overset{c}{17}$;	22.9
280	♂	" "	153-68-21-$\overset{n}{21}$-$\overset{c}{18}$;	23.2
281	♂	" "	167-75-20-$\overset{n}{20}$-$\overset{c}{19}$;	24.8
282	♀	" "	173-81-20-$\overset{n}{20}$-$\overset{c}{17}$;	22.8
283	♀	" "	154-65-21-$\overset{n}{20}$-$\overset{c}{17}$;	20.8
284	♀	" "	155-65-21-$\overset{n}{20}$-$\overset{c}{18}$;	23.3
285	♀	" "	155-64-21-$\overset{n}{20}$-$\overset{c}{17}$;	19.6
286	♂	Peromyscus melanophrys	192-89-25-$\overset{n}{20}$-$\overset{c}{17}$;	36.1
287	♀	" "	199-83-24-$\overset{n}{21}$-$\overset{c}{19}$;	53.8

May 3 11,000± ft. N slope Popocatepetl, Mexico.

288	♂	Sceloporus sp.	4.3 gm.
289	♂	" "	5.6 gm.
290	♀	" "	2.7 gm.
291	♂	" "	4.2 gm.

E. V. Miller
1940

Specimen List

May 3 (cont.) 11,000± ft. N slope Popocatepetl, Mexico

292	♀	Scelopoms sp.	2.4 gm.
293	♂	" "	4.9 gm
294	♂	" "	3.7 gm.
295	♂	" "	5.3 gm.
296	♀	" "	3.7 gm (wt. with complete tail)
297	♂	" "	3.9 gm
298	♀	" "	2.2 gm.
299	♀	Peromyscus melanophrys	189-81-24-19^{h}-17^{c} ; 36.0
300	♀	Rheithrodontomys megalotis	138-65-17-16^{h}-13^{c} ; 9.8
301	♀	" "	152-76-17-17^{h}-13^{c} ; 11.9
302	♀	Plagiospiza sp.?	40.0 gm.
303	♀	Thomomys umbrinus	211-70-31-7^{h}-4^{c} ; 122
~~304~~	~~♀~~	~~Rheithrodontomys megalotis~~	~~175-95-19-17-13 ; 13.4~~

May 4 11,000± ft. N slope Popocatepetl, Mexico

304	♀	Rheithrodontomys megalotis	175-95-19-17^{h}-13^{c} ; 13.4
305	♂	" "	153-79-18-15-12 ; 11.7
306	♂	Scelopoms sp.	4.2 gm.
307	♂	" "	3.4 gm.
308	♂	" "	
309	♀	" "	2.6 gm.
310	♀	" "	4.2 gm.
311	♀	" "	3.0 gm.
312	♀	" "	2.8 gm.
313	♀	" "	3.2 gm.
314	♀	" "	2.0 gm.
315	♀	" "	3.3 gm.

E. V. Miller
1940

Specimen List.

May 4 (cont.) 11,000± ft. N slope Popocatepetl, Mexico.

316	♀	Sciloporus sp.	4.0 gm.
317	♀	" "	2.5 gm.
318	♀	" "	1.7 gm
319	♀	" "	1.9 gm.
320	♀	" "	1.6 gm.

May 5 10,800± ft. La Providencia, NW slope Popocatepetl, Mexico.

321	♂	Eptesicus fuscus	109-45-10-$\overset{h}{19}$-$\overset{c}{13}$; 15.1 gm.
322	♂	" "	115-46-9-$\overset{h}{18}$-$\overset{c}{14}$; 13.3
323	♂	" "	111-43-10-$\overset{h}{19}$-$\overset{c}{14}$; 17.2
324	♂	" "	109-46-9-$\overset{h}{17}$-$\overset{c}{14}$; 13.3
325	♀	Microtus mexicanus	141-29-$\overset{h}{18}$-$\overset{h}{13}$-$\overset{c}{8}$; 32.6
326	♂	" "	136-31-18-$\overset{h}{13}$-$\overset{c}{9}$; 32.1
327	♂	Peromyscus melanophrys	215-101-25-$\overset{h}{22}$-$\overset{c}{19}$; 46.5
328	♂	" "	199-87-24-$\overset{h}{21}$-$\overset{c}{19}$; 49.5
329	♀	" "	207-93-25-$\overset{h}{20}$-$\overset{c}{17}$; 41.5
330	♀	" "	209-96-24-$\overset{h}{23}$-$\overset{c}{20}$; 44.7
331	♀	" "	219-94-24-$\overset{h}{21}$-$\overset{c}{17}$; 50.8
332	♀	" "	230-112-26-$\overset{h}{23}$-$\overset{c}{20}$; 44.9

May 6 El Pedregal, 2.5 mi. W Tlalpan, D.F. (Mexico)

333	♀	Peromyscus boylii	190-102-21-$\overset{h}{24}$-$\overset{c}{21}$; 18.3
334	♀	" "	178-100-22-$\overset{h}{21}$-$\overset{c}{19}$; 19.9
335	♀	" "	177-98-22-$\overset{h}{24}$-$\overset{c}{22}$; 18.9
336	♀	" "	184-95-23-$\overset{h}{22}$-$\overset{c}{21}$; 22.5
337	♀	" "	183-102-21-$\overset{h}{22}$-$\overset{c}{20}$; 18.7
338	♀	" "	200-109-23-$\overset{h}{21}$-$\overset{c}{18}$; 24.3
339	♂	" "	186-106-22-$\overset{h}{22}$-$\overset{c}{19}$; 19.9

E. V. Miller
1940

Specimen List

May 6 (cont.) El Pedregal, 2.5 mi. W Tlalpan, D.F. (Mexico)

340	♂	Peromyscus boylii	195-106-22-23^{n}-20^{c}	23.8
341	♂	" "	183-102-22-23^{n}-20^{c}	19.9
342	♂	" "	195-105-22-24^{n}-22^{c}	23.6
343	♂	" "	188-104-22-23^{n}-20^{c}	20.4
344	♂	" "	188-98-23-22^{n}-20^{c}	23.7

May 7 10,000± ft. 15 mi. SW Toluca, Mexico.

345	♀	Rheithrodontomys megalotis	151-78-19-17^{n}-14^{c}	10.9
346	♀	Peromyscus maniculatus	152-61-20-19^{n}-16^{c}	24.1
347	♀	" "	153-67-21-17^{n}-15^{c}	20.5
348	♀	" "	160-69-20-17^{n}-15^{c}	24.0
349	♀	" "	154-67-21-17^{n}-15^{c}	20.4
350	♀	" "	175-74-21-19^{n}-16^{c}	29.6
351	♂	" "	155-71-21-18^{n}-16^{c}	21.7
352	♂	" "	161-66-22-19^{n}-16^{c}	26.1
353	♂	" "	166-72-21-20^{n}-18^{c}	29.2
354	♂	" "	167-71-21-18^{n}-16^{c}	25.5
355	♂	" "	152-62-21-18^{n}-15^{c}	20.5

May 8 12,000± ft NW slope Nevado de Toluca, Mexico

356	♀	Microtus mexicanus	135-30-18-15^{n}-9^{c}	31.6
357	♀	" "	143-32-18-14^{n}-10^{c}	35.2
358	♀	" "	136-32-18-14^{n}-19^{c}	30.6
359	♂	" "	136-31-18-14^{n}-10^{c}	30.1
360	♂	" "	132-33-19-15^{n}-10^{c}	32.1
361	♂	Peromyscus melanotis	160-68-20-19^{n}-16^{c}	24.2
362	♂	" "	152-63-20-20^{n}-18^{c}	21.8
363	♂	" "	158-69-20-21^{n}-19^{c}	22.7

Sent to Depto. Forestal y de Caza y Pesca, Mexico, D.F. June 30, 1941

E. V. Miller
1940

Specimen List.

May 8 (cont.) 12,000± ft. NW slope Nevada de Toluca, Mexico

364 ♂ Peromyscus melanotis 164-74-21-21^{n}-17^{c}; 23.4

365 ♀ " " 165-69-21-20^{n}-17^{c}; 25.4

366 Nest of Rufous-backed junco with yellow iris. Contained 4 eggs nearly ready to hatch.

May 9 Macho de Agua, 10 mi. ESE Zitácuaro, Michoacan

367 ♂ Rheithrodontomys fulvescens 160-93-19-15^{n}-14^{c}; 10.5

368 ♀ " " 157-87-18-17^{n}-14^{c}; 10.8

369 ♀ Peromyscus melanotis 122^{+}-29^{+}-22-21^{n}-17^{c}; 23.2

370 ♂ " " 159-71-20-21^{n}-17^{c}; 22.5

371 ♂ " " 161-72-22-20^{n}-18^{c}; 19.6

372 ♂ " " 151-61-20-20^{n}-16^{c}; 16.8

May 12 El Roble, 8 mi. NE Tepatitlan de Morelos, Jalisco

373 ♀ Peromyscus boylii 203-105-22-21^{n}-19^{c}; 24.9

374 ♀ " " 192-102-22-20^{n}-18^{c}; 20.2

375 ♂ Mephitis macroura 658-353-63-30^{n}-17^{c}; 667

May 13 1900 m. 9 mi. N Encarnacion de Diaz, Jalisco

376 ♀ Peromyscus boylii 204-109-22-22^{n}-18^{c}; 29.1

377 ♀ " maniculatus 170-76-21-18^{n}-16^{c}; 24.5

378 ♀ " " 148-63-20-18^{n}-15^{c}; 20.3

379 ♀ " " 164-70-21-19^{n}-17^{c}; 25.5

380 ♀ " " 160-66-20-18^{n}-15^{c}; 24.6

381 ♀ " " 172-75-20-19^{n}-16^{c}; 25.6

Sent to Dento. Forestal y de Caza y Pesca, Mexico, W. F. June 30, 1946

382 ♀ " " 157-64-21-18^{n}-15^{c}; 21.8

383 ♂ " " 157-66-21-18^{n}-15^{c}; 22.8

384 ♂ " " 142-62-19-18^{n}-15^{c}; 17.5

385 ♂ " " 153-68-20-18^{n}-15^{c}; 24.0

E. V. Miller
1940

Specimen List

May 13 (cont.) 1900 m. 9 mi N Encarnacion de Diaz, Jalisco

386 ♂ Peromyscus maniculatus 145-62-20-18n-14c ; 17.9
387 ♀ Perognathus nelsoni 152-83-20-8n-5c ; 12.6
388 ♀ " " 155-92-21-9n-7c ; 10.7
389 ♀ " flavus 107-47-16-7n-4c ; 10.3
390 ♂ Baiomys sp. 101-44-12-11n-9c ; 7.8

May 14 1900 m. 9 mi. N Encarnacion de Diaz, Jalisco.

391 ♀ Peromyscus boylii 189-99-22-21n-18c ; 24.2
392 ♂ " " 196-112-21-21n-19c ; 23.8
393 ♂ " " 196-109-22-22n-19c ; 23.1
394 ♀ " maniculatus 167-72-21-19n-15c ; 26.4
395 ♂ Perognathus nelsoni 169-95-21-9n-6c ; 16.7
396 ♂ " " 177-101-22-9n-5c ; 18.5
397 ♀ " " 156-85-20-9n-6c ; 15.0
398 ♀ " " 164-87-20-10n-6c ; 14.7
399 ♀ " " 178-101-21-9n-6c ; 16.0
400 ♀ " " 169-102-20-9n-6c ; 14.7
401 ♂ Rheithrodontomys fulvescens 148-80-19-15n-12c ; 11.4
402 ♂ Baiomys sp. 105-49-14-11n-9c ; 7.1
403 ♀ Perognathus flavus 110-51-15-7n-5c ; 8.2
404 ♂ " " 113-52-15-7n-4c ; 7.0

May 15 2000 m. 3 mi. NE Aguascalientes, Aguascalientes.

405 ♂ Liomys irroratus 201-103-29-16n-10c ; 34.5
406 ♂ Peromyscus sp. 246-137-26- ; 40.7
407 ♀ Rheithrodontomys fulvescens 158-94-18-14n-10c ; 9.4
408 ♀ " " 158-90-20-15n-11c ; 9.4
409 ♀ " " 147-87-19-14n-9c ; 9.1
410 ♂ " " 184-110-20-16n-14c ; 15.8

E. V. Miller
1940

Specimen List

May 15 (cont.) 2000 m. 3 mi. NE Aguascalientes, Aguascalientes.

411 ♀ Cremidophorus sp. 15.5 gm.

May 16 1900 m. 1 mi. N Chicalote, Aguascalientes.

412 ♂ Oxychomys torridus 145-53-20-19^{h}-15^{c}; 28.8

413 ♂ " " 140-53-20-18^{h}-15^{c}; 23.7

414 ♀ Lionys sp. 210-110-29-16^{h}-10^{c}; 30.0

415 ♀ Perognathus hispidus 198-92-24-12^{h}-8^{c}; 36.1

416 ♀ " " 179-92-23-11^{h}-7^{c}; 23.1

417 ♀ " nelsoni 160-97-21-8^{h}-5^{c}; 11.0

418 ♀ " " 170-100-23-8^{h}-5^{c}; 11.3

419 ♀ " " 185-103-22-8^{h}-5^{c}; 23.5

420 ♂ " " 175-96-21-10^{h}-7^{c}; 20.0

(Skeleton only)
421 ♂ " " 176-100-21-9^{h}-5^{c}; 17.0

422 ♂ " " 181-101-22-9^{h}-5^{c}; 20.0

423 ♀ Cactus Wren 34.9 gm.

May 17 1900 m. 1 mi. N Chicalote, Aguascalientes.

424 ♀ Dipodomys ~~spectabilis~~ merriami 275-169-40-14^{h}-12^{c}; 53.0

425 ♀ Dipodomys ordii 242-140-36-15^{h}-11^{c}; 48.6

426 ♂ " " 233-135-36-14^{h}-10^{c}; 43.7

427 ♀ Perognathus hispidus 190-97-23-12^{h}-7^{c}; 28.5

428 ♂ Perognathus flavus 119-56-16-7^{h}-5^{c}; 9.0

429 ♂ " " 118-61-16-7^{h}-5^{c}; 7.6

May 18 6 mi. SE Punta, Jalisco.

430 ♂ Thomomys umbrinus 204-59-25-8^{h}-5^{c}; 124 gm.

431 ♀ Peromyscus boylii 185-96-21-21^{h}-18^{c}; 24.9

432 Rana sp.

433 " "

E. V. Miller
1940

Specimen List.

May 18 (cont.) 6 mi. SE Punta, Jalisco.

434 Rana sp.
435 " "
436 " "
437 " "
438 " "

May 19 2 mi. NW San Luis Potosi, San Luis Potosi.

439 ♀ Dipodomys merriami 252-153-39-14^{h}-10^{c}; 45.4
440 ♀ Dipodomys ordii 248-145-36-14^{h}-11^{c}; 46.7
441 ♂ Perognathus nelsoni 156-85-20-9^{h}-6^{c}; 16.0
442 ♀ Peromyscus maniculatus 165-73-20-18^{h}-15^{c}; 22.7
443 ♀ " " 151-67-20-18^{h}-15^{c}; 23.8
444 Bufo sp.

May 20 1 mi. W Hacienda la Parada, 20 mi. NW San Luis Potosi, San Luis Potosi.

445 ♀ Lucifer (?) Hummingbird 3.2 gm.
446 Nest of " " (no. 445 E.V.M. taken on this nest.)
447 Eggs (2) of Lucifer (?) Hummingbird (Taken with no. 445 E.V.M.)
448 Eggs (3) of Cactus Wren (Heliodytes brunneicapillus)
449 ♂ Scelopoms sp. 36.0 gm.
450 ♀ " " 11.5 gm.
451 ♀ Cremidophorus sexlineatus 3.9 gm.
452 ♀ Dipodomys merriami 254-154-38-14^{h}-10^{c}; 45.7
453 ♀ " " 235-135-37-14^{h}-10^{c}; 43.6
454 ♀ " " 244-148-37-14^{h}-11^{c}; 38.8
455 ♂ Peromyscus eremicus 180-96-19-19^{h}-16^{c}; 21.7
456 ♀ " " 131-67-18-16^{h}-12^{c}; 8.0

E. V. Miller
1940

Specimen List.

May 20 (cont.) 1 mi. W Hacienda la Parada, 20 mi. NW San Luis Potosi, San Luis Potosi.

457 ♀ Perognathus nelsoni 184-107-22-10n-6c ; 16.5

458 ♀ " " 188-107-22-9n-6c ; 16.7

459 ♀ " " 185-109-22-9n-6c ; 17.4

460 ♂ " " 182-108-22-9n-6c ; 17.5

461 ♀ Silvilagus sp. 360-52-78-66n-80c ; 780

462 ♀ Dipodomys merriami 245-152-37-14n-11c ; 36.0

463 ♂ Perognathus nelsoni 156-90-21-9n-5c ; 9.0

464 ♂ " " 186-110-22-9n-5c ; 16.1

465 ♂ " " 190-109-22-9n-6c ; 18.8

466 ♀ " " 189-104-21-9n-6c ; 17.6

May 21 1 mi. W Hacienda la Parada, 20 mi. NW San Luis Potosi, San Luis Potosi

Sent to Depto. Forestal y de Caza y Pesca, Mexico, D.F. June 20, 1941

467 ♀ Onychomys torridus 157-54-21-21n-16c ; 35.5

468 ♂ Perognathus nelsoni 185-99-20-8n-6c ; 17.4

469 ♂ " " 188-105-21-9n-6c ; 18.0

470 ♀ " " 190-111-23-9n-6c ; 16.8

471 ♀ " " 189-106-22-9n-6c ; 18.0

May 22 5 mi. N San Luis Potosi, San Luis Potosi.

472 Bufo(?) sp.

May 21 1 mi. NW Mezquitic, San Luis Potosi.

473 Scaphiopus sp.

474 "

475 "

476 "

477 "

478 "

479 "

E. V. Miller
1940

Specimen List.

May 21 (cont.) 1 mi. NW Mezquitic, San Luis Potosi.

480 Scaphiopus sp.
481 " "
482 " "
483 " "
484 " "
485 " "
486 " "
487 " "
488 " "
489 " "
490 " "
491 " "
492 " "
493 " "
494 " "
495 " "
496 " "
497 " "
498 " "
499 " "

May 23 Potrero de Santa Ana, 7.6 mi. S Matehuala, San Luis Potosi

500 ♀ Thryomanes bewickii 10.1 gm.
501 ♂ Perognathus penicillatus 162-90-21-$\overset{h}{8}$-$\overset{c}{5}$; 15.6
502 ♂ " " 160-87-21-$\overset{h}{8}$-$\overset{c}{5}$; 14.4
503 ♂ " " 167-93-21-$\overset{h}{8}$-$\overset{c}{5}$; 14.6
504 ♂ " " 135^{+}-66^{+}-20- ; 15.3

E. V. Miller

Specimen List

(cont.)

May 23 Potrero Santa Ana, 7.6 mi. S Matehuala, San Luis Potosi.

505 ♂ Perognathus nelsoni 192-112-24-9^{h}-6^{c}; 22.0

506 ♂ " " 183-103-21-9^{h}-6^{c}; 19.5

507 ♀ Peromyscus eremicus 189-102-19-19^{h}-17^{c}; 25.5

508 ♂ " " 182-100-20-19^{h}-16^{c}; 22.6

509 ♂ Cnemidophorus sp. 21.9 gm.

510 ♀ " sexlineatus

May 24 11 mi. NW Cedral, San Luis Potosi.

511 ♀ Peromyscus sp. 237-131-25-25^{h}-21^{c}; 36.8

512 ♂ Peromyscus eremicus 187-104-19-20^{h}-16^{c}; 21.7

513 ♀ " " 193-110-20-20^{h}-15^{c}; 20.0

514 ♂ Dipodomys merriami 255-154-38-13^{h}-10^{c}; 46.0

515 ♂ " " 265-160-38-14^{h}-11^{c}; 56.1

516 ♂ " " 254-152-38-14^{h}-10^{c}; 48.3

517 ♀ " " 243-147-37-14^{h}-10^{c}; 40.8

518 ♀ " " 263-160-38-14^{h}-10^{c}; 41.7

519 ♀ " " 250-149-37-14^{h}-10^{c}; 41.1

May 25 Sulu, Zacatecas.

520 ♀ Peromyscus eremicus 197-105-20-20^{h}-18^{c}; 30.6

521 ♂ Dipodomys merriami 247-145-38-14^{h}-10^{c}; 42.2

522 ♂ Perognathus penicillatus 158-90-20-7^{h}-5^{c}; 12.3

Following were collected by M. Delgadillo.

523 ♂ Geomys (?) sp. 256-75-33-8^{h}-4^{c}; 196

524 ♂ Dipodomys merriami 245-146-37-13^{h}-9^{c}; 43.1

525 ♂ " " 252-146-38-14^{h}-10^{c}; 46.8

526 ♂ " " 244-144-38-14^{h}-10^{c}; 44.6

527 ♀ " " 255-152-37-14^{h}-10^{c}; 44.5

E.V. Miller
1940

Specimen List.

May 25 (Cont.) Luhr, Zacatecas.

528 ♂ Perognathus penicillatus 166-93-20-$\overset{h}{7}$-$\overset{c}{5}$; 15.3
529 ♂ " " 144^{+}-68^{+}-21-$\overset{h}{8}$-$\overset{c}{5}$; 16.0
530 ♂ Peromyscus maniculatus 153-66-20-$\overset{h}{18}$-$\overset{c}{15}$; 21.2
531 ♂ " " 159-66-20-$\overset{h}{19}$-$\overset{c}{16}$; 27.5
532 ♀ " " 174-76-20-$\overset{h}{20}$-$\overset{c}{16}$; 25.8
533 ♀ Peromyscus eremicus 190-100-20-$\overset{h}{19}$-$\overset{c}{16}$; 27.9
534 ♀ " " 187-98-19— ; 24.5
535 ♂ " " 195-102-20-$\overset{h}{20}$-$\overset{c}{17}$; 24.6
536 ♂ " " 187-97-20-19-15; 25.5

End of list of specimens collected by M. Delgadillo

537 ♂ Cremidophorus sexlineatus 1.7 gm.
538 ♀ " " 1.4 gm.

The following specimens collected by S.B. Benson.

539 ♀ Perognathus penicillatus 93^{+}-17^{+}-20-$\overset{h}{7}$-$\overset{c}{5}$; 13.0
540 ♀ " " 151^{+}-78^{+}-20-$\overset{h}{8}$-$\overset{c}{4}$; 11.3
541 ♀ " " 153-86-21-$\overset{h}{7}$-$\overset{c}{4}$; 10.1
542 ♀ " " 148^{+}-77^{+}-21-$\overset{h}{8}$-$\overset{c}{5}$; 14.9
543 ♂ " " 156-90-20-$\overset{h}{8}$-$\overset{c}{5}$; 11.1
544 ♂ " " 163-92-21-$\overset{h}{8}$-$\overset{c}{5}$; 12.0
545 ♀ Dipodomys ordii 248-147-36-$\overset{h}{14}$-$\overset{c}{10}$; 50.0
546 ♂ " " 251-150-37-$\overset{h}{14}$-$\overset{c}{10}$; 47.0
547 ♂ " " 240-139-35-$\overset{h}{14}$-$\overset{c}{10}$; 46.0
548 ♂ " " 265-154-39-$\overset{h}{15}$-$\overset{c}{11}$; 55.4
549. ♂ " " 236-140-36-$\overset{h}{14}$-$\overset{c}{10}$; 45.0
550 ♀ " " 246-142-36-$\overset{h}{14}$-$\overset{c}{10}$; 46.7
551 ♂ " " 253-154-37-$\overset{h}{14}$-$\overset{c}{10}$; 48.6

E.V. Miller
1940

Specimen List

May 25 (Cont.) Lulu, Zacatecas

552 ♀ Dipodomys ordii 241-136-37-14h-10c ; 46.6
553 ♂ Dipodomys merriami 241-144-37-13h-10c ; 46.1
554 ♂ " " 256-150-38-14h-10c ; 49.5
555 ♀ " " 256-155-36-13h-9c ; 41.9
556 ♂ " " 249-146-36-14h-10c ; 46.3
557 ♀ Peromyscus maniculatus 155-68-20-19h-16c ; 30.0
558 ♀ Peromyscus eremicus 194-98-20-19h-16c ; 28.3
559 ♂ " " 198-106-20-19h-16c ; 25.9

May 25 3 mi. N Lulu, Zacatecas

560 ♀ Cnemidophorus sexlineatus

May 26 3 mi. N Lulu, Zacatecas

561 ♂ Perognathus penicillatus 150+-73+-21-8h-5c ; 17.7
562 ♀ Dipodomys spectabilis 312-185-46-14h-11c ; 89.2
563 ♀ Dipodomys ordii 247-144-37-14h-10c ; 49.0
564 ♀ " " 232-133-36-14h-10c ; 43.0
565 ♂ " " 244-143-36-14h-10c ; 48.0
566 ♂ " " 242-143-37-14h-10c ; 51.8

Sent to Depto de Forestal y de Caza y Pesca, Mexico, D.F. June 30, 1941

567 ♂ Thryomanes bewicki
568 ♂ Cnemidophorus sp. 19.5 gm.
569 ♀ " " 14.6 gm.
560 ♀ Cnemidophorus sexlineatus 3.8 gm.
561 ♀ Amphispiza bilineata
562 ♂ Plumbeous (?) Gnatcatcher 5.4 gm.

May 27 3 mi. N Lulu, Zacatecas

Specimens below taken by M. Delgadillo.

563 ♂ Perognathus penicillatus 172-95-21-8h-5c ; 14.7
564 ♂ " " 166-88-21-9h-5c ; 15.6

E. V. Miller
1940

Specimen List

May 27 3 mi. N Lulu, Zacatecas (continued)

565 ♂ Peromyscus sp. 245-138-27-24^{h}-20^{c}; 50.9

566 ♂ " " 234-129-26-24^{h}-20^{c}; 44.8

Sent to Alento [illegible] y de Casa y Parque, Mexico, D.F. June 30, 1941

567 ♀ Dipodomys spectabilis 290-176-46-15^{h}-12^{c}; 71.0

568 ♀ Neotoma albigula 287-142-35-30^{h}-25^{c}; 133

569 ♀ Geomys sp. 217-73-32-6^{h}-3^{c}; 158

570 ♂ " " 241-73-32-7^{h}-3^{c}; 206

571 ♂ " " 220-71-31-6^{h}-3^{c}; 120

572 ♂ Pipilo fuscus 45.3 gm.

573 ♀ " " 37.8

Specimens below of E.V. Miller.

574 ♂ Geomys sp. 209-65-29-6^{h}-3^{c}; 111

575 ♂ " " 164-51-26-5^{h}-3^{c}; 62.3

576 ♂ Dipodomys ordii 245-145-37-15^{h}-10^{c}; 52.1

577 ♂ Dipodomys merriami 240-136-38-14^{h}-10^{c}; 52.8

578 ♀ " " 247-143-38-15^{h}-10^{c}; 47.3

579 ♂ Perognathus penicillatus 168-90-20-8^{h}-5^{c}; 16.7

580 ♂ Thryomanes bewicki 10.7 gm.

581 ♂ Plumbeous Gnatcatcher 4.7 gm.

582 ♂ Colaptes cafer 98.5 gm.

583 ♂ Thryomanes bewicki

584 ♂ Silvilagus sp. 325-45-74-69^{h}-80^{c}; 670

585 ♀ Traill (?) Flycatcher 11.6 gm.

586 Eggs of Pipilo fuscus (See E.V.M. # 572 and 573 for species)

587 Eggs of Plumbeous Gnatcatcher (See E.V.M. # 581 for species)

May 28 3 mi N Lulu, Zacatecas

Specimens below to wavy line are of M. Delgadillo

588 ♂ Rheithrodontomys ~~sp.~~ megalotis 141-75-17-15^{h}-11^{c}; 10.6

E.V. Miller
1940

Specimen List

May 28 3 mi. N Lulu, Zacatecas (continued)

589 ♂ Peromyscus maniculatus 162-74-21-20n-19c ; 23.9

590 ♂ Peromyscus sp. 244-133-26-24n-21c ; 52.1

591 ♀ " " 255-139-26-25n-22c ; 54.1

592 ♂ Neotoma albigula 306-150-32-30n-25c ; 179

593 ♀ Geomys sp. 210-70-31-5 ; 100

594 ♂ " " 221-73-33-6 ; 142

595 ♂ " " 237-74-30-7 ; 204

596 ♀ " " 209-69-29-6 ; 125

597 ♂ " " 215-65-30-7 ; 115

598 ♂ " " 234-78-32-7 ; 204

599 ♂ Dipodomys spectabilis 316-194-45-16n-12c ; 87.8

Following 3 collected by M. Delgadillo.

600 ♀ Perognathus penicillatus 153-87-21-7n-4c ; 11.4

601 ♂ " " 162-90-21-8n-4c ; 13.1

602 ♂ " " 174-95-21-8n-5c ; 17.7

603 ♂ Carpodacus mexicanus 22.3 gm.

604 ♂ " " 22.2 gm.

May 28 1 mi. S La Ventura, Coahuila
collected by S.B. Benson.

605 ♀ Sylvilagus sp. 326-51-76-70n-87c ; 904.

May 28 San Juan Nepomuceno, 5 mi. N la Ventura, Coahuila.

606 ♂ Cynomys mexicanus 370-78-55-15n-7c ; 866

607 ♂ " " 380-80-57-12n-6c ; 1017

608 ♂ " " 251-58-49-14n-5c ; 292

609 ♀ " " 358-80-53-15n-5c ; 854

May 29 San Juan Nepomuceno, 5 mi. N la Ventura, Coahuila

skel. only.
610 ♀ Cynomys mexicanus 375-88-55-12n-7c ; 817

E.V. Miller
1940

Specimen List

May 29 (cont.) San Juan Nepomuceno, 5 mi. N la Ventura, Coahuila.

611 ♂ Cynomys mexicanus 410-102-58-13n-7c; 1044 (skel. only)

612 ♂ " " 395-85-56-13n-7c; 1104

613 Eggs (3) of Curve-billed Thrasher

May 30 San Juan Nepomuceno, 5 mi. N la Ventura, Coahuila.

614 ♂ Dipodomys merriami 241-140-36-14n-10c; 50.6

615 ♂ " " 264-160-39-15n-11c; 53.7

Sent to Dept. Forestal y de Caza y Pesca, Mexico, W.F. June 30, 1941

616 ♀ Dipodomys ordii 254-155-37-13n-9c; 42.9

617 ♂ " " 231-135-37-14n-10c; 46.1

618 ♂ " " 243-146-38-14n-10c; 47.8

May 30 9 mi. N la Ventura, Coahuila

619 ♂ Citellus spilosoma 220-68-31-9n-4c

May 31 5 mi. S San Antonio, Nuevo Leon. (?)

620 Rattlesnake

June 2 5.8 mi. W Sanderson, Terrell Co., Texas.

621 ♂ Perognathus merriami 120-58-16-6n-5c; 7.3

622 Phrynosoma sp. 4.5 gm.

June 2 ~~Olgan~~ Limpia Canyon, 1 mi. N Fort Davis, Jeff Davis Co., Texas.

623 ♀ Cratogeomys sp. 267-80-35-8n-4c; 330

June 3 Limpia Canyon, 1 mi. N Fort Davis, Jeff Davis Co., Texas.

624 ♀ Cratogeomys sp 281-90-35-8n-4c; 287

June 4 3 mi. NW Carlsbad, Eddy Co, New Mexico.

625 ♂ Dipodomys merriami 249-141-37-13n-10c; 43.0

626 ♂ Dipodomys ordii 229-129-38-13n-10c; 50.4

627 ♂ " " 252-137-37-14n-11c; 67.0

628 ♀ " " 265-152-38-14n-10c; 61.1

June 4 14 mi. NW Carlsbad, Eddy Co. New Mexico

629 ♀ Tapidea tapus 630-110-92-46n-39c Picked up on highway

E. V. Miller
1940

Specimen List.

June 5 — 4 mi. NW White Sands National Monument Museum, Otero Co., New Mexico.

630 ♂ Citellus spilosoma. 217-68-32-11-4 ; 108.6

631 ♀ Onychomys torridus 152-52-19-18-15 ; 41.1

E.Y. Miller
1940

General Account

Mar. 15 1940. Left Berkeley, Calif. about 9 AM, (Mar. 11) with Seth B. Benson and his wife in U.C. truck no 170 - make - International, small type with closed over back. We carried equipment for a 3 months trip into Mexico - purpose, chiefly to collect mammals, also some birds and reptiles. We expected to enter the border at Laredo, Texas. The first day we made San Fernando, Calif.; where we stayed overnight at the home of Mrs. Benson's parents. Mrs. Benson remained at San Fernando, and SB Benson and I left there in the morning, Mar. 12. We stopped at Pasadena for a short time to see Van Rossem. We went through Los Angeles to get a film pack adapter. The second night we camped along the road near Wellton, Arizona. Mar. 13 we reached Nogales Ariz., on the Mexican border, passing through Tucson, Ariz. We repaired (had repaired) our generator at Tucson, it being burned out as a result of charging too high. At Nogales we spent the night in the "Shady Auto Camp", a clean but run down place. Price of cabin without bedding $1.00. Hot shower included. Our bedding was insufficient for the coolness of the nights in this region. At Nogales the minimum night temperature of 18° F was recorded by our thermometer. We needed heavy wool socks and woolen underwear to sleep in. Our beds were army cots with sleeping bags. Mar. 14. We visited Fred M. Dille, formerly of the Biological Survey, now retired. He gave us the skull of a mountain lion, which he had obtained from William Hathaway. I cleaned the skull, which was full of ~~the~~ maggots and packed it in sawdust for

E.V. Miller
1940

General Account

shipment to the Museum at Berkeley. In the afternoon ~~we~~ Mr. Dille drove us to Hathaway's Ranch to see if we could get the skin of the lion. We did not succeed as Mr. Hathaway was not home. At his house, 7 miles NE of Nogales we saw numerous birds, including Palmer Thrasher, Gambel White-crowned Sparrow, Vermillion Flycatcher, Pyrrauloxia, Canyon Towhee, Gila Woodpecker, Red-tailed Hawk, Mourning Dove, Green-tailed Towhee, Bewick Wren, Chipping Sparrows and Ruby-crowned Kinglet. At Mr. Dille's home in Nogales I saw Inca Doves and Lawrence Goldfinches. The latter occur there about once in every 5 years according to Dille. In the late afternoon we left, stopping at (near) Elgin, Ariz. for the night, camping along the road. We took with us Margarito Velqadillo from Nogales, Mexico. He assisted with the trapping and did most of the cooking.

Mar. 15. We passed through Sunnyside, Ariz. and camped at Peterson's Ranch, 2 miles from Sunnyside, 6100' elevation, in the Huachuca Mts. This region is a game preserve and game hunting is not permitted. At Sunnyside we met a lion hunter, however, who hunted lions here. He claimed to have taken Bobcats, Coati-mundi, Mountain Lions, and Ring-tailed Cats. Sunnyside is nothing but a small ranch, there being no store. Near camp I saw Arizona Jays, Red-backed Juncos, Chipping Sparrows, and Bewick Wrens - also Ruby-crowned Kinglets, Bush-tits, and Benson took a Bridled Titmouse. According to him the Pygmy Owl call attracts small birds here. In the afternoon

E.V. Miller
1940

General Account

I set out 10 no 1 Schuyler traps in a small plot of heavy grass growth around a spring. The plot was about 30 yds. square and the grass mostly dead and very thick. A few runways were present. I hoped to get Cotton Rats (Sigmodon) This plot is about ¼ mile W. of camp, on the road to Sunnyside. Along the road I set 16 no 3 (small) Schuyler traps (for mice, etc.). The soil here is rocky and the vegetation small trees – Arizona Juniper, Pinon Pine, Live Oak, Manzanita, Ceanothus, etc. Underbrush is not thick. Margarbito caught 2 gophers in the afternoon and Benson a Sigmodon, near the camp. I did not visit my traps. The weather is cold, and this evening we built a fire in the tent to write these notes. Throughout the trip the weather has been clear and warm in the daytime. Correction – visited traps after dark – none sprung. Heard a Screech Owl after dark and tried to find it without success.

Mar. 16 Visited my traps after sunup – none sprung. Set out 10 more Schuyler no. 1's in same place as first 10 of yesterday. The Aphelocoma here appears to be sieberii according to Bailey's Handbook. The throat is gray and the calls more magpie-like than A. californica. Crested Jays are also present. In afternoon saw Robins, Golden Eagle, Ravens, and Hutton Vireo. Set out, in late afternoon, 50 small wooden traps for mice, baited with oatmeal. Set them along road to ranch, among rocks, under Rhus, live oaks, nut pines, junipers and around stumps and Century plants. Visited my other traps, – none sprung. The

General Account

road ends at the ranch house, but a trail below the house goes to Huachuca Peak, which is a mile (?) or so to the N. (?) of us.

Mar 17. Picked up traps early in morning - none sprung. Saw Arizona Jay carrying nesting material. Left about noon and drove to El Paso, Texas, where we slept in the hills.

Mar. 18 Drove through Texas down into the Big Bend Region, en route to the Chisos Mts. in Brewster Co., Texas. We camped in the desert 47 mi from Marathon and about 30 miles, approximately north of the Chisos. In the late afternoon I set out 50 small mouse traps, baited with oatmeal and birdseed, 6 to 10 yds. apart, in mixed mesquite and Creosote Bush habitat. The traps were place 2 to 3 ft from bushes, in the open. Benson and I strung some fish line across a watering pool about 15 yds wide in hopes of getting bats. Some horses and cattle waded into the pool and demolished part of our strings, which we reset before dark. A fairly good breeze is blowing.

Mar. 19 Picked up traps early in morning. Took following: 1 ♂ Peromyscus eremicus (young), 5 ♂ Perognathus penicillatus, 1 ♂ Dipodomys merriami, 1 ♂ and 1 young ♀ Dipodomys ordii, 1 ♂ Tadarida mexicana. Put up 7 of these. After this we drove south to the Chisos Mts. in the Big Bend Region. These mts. are now in process of becoming a National Park. A large CCC camp is located here, developing roads, wells, etc. We obtained permission to trap small mammals in the Park. Late in the afternoon Benson, Margo,

General Account

and I took 50 no 1 Schuyler traps and ten gopher traps and walked across the hills toward a grassy place where we were told Cotton Rats had previously been trapped. We walked 1½ hrs., mostly uphill, finding the place about ¼ mi. S of Emery Peak. We set all but about ½ of the gopher traps and started for camp. Dusk had fallen and a ¾ moon was shining by the time we were half way back to camp. About this time Benson, who was in the lead, saw a Hog-nosed Skunk in the path a few feet ahead. We threw rocks at and chased it about 50 yds down a little gully, where Benson bagged it with rocks. Benson carried the animal to camp, taking the lead. Margo and I followed at a considerable distance behind. At about 10^30 PM I set out 50 small wooden mouse traps on a rocky SW facing slope with a scant covering of mesquite, juniper, cactus, small species of yucca, nut pine, and other brush, and a little dried grass.

March 20 Picked up my 50 small traps which I set last evening, at about sunup. Got one ♂ immature Peromyscus boylii. After breakfast left to pick up the cotton rat and gopher traps set last night. I stayed in camp and skinned my mouse and the skunk caught last night. The skunk had considerable scent on his (♂ probably young) fur, but after I skinned for a while the odor became not at all unpleasant. This job took me all morning as it was the first large animal I had

General Account.

ever put up. In this region I have seen Bewick Wrens, Lloyd Bush-Tits, Aphelocoma ~~Sieberii~~, Turkey Vulture, some kind of Black-capped gnatcatcher and others unidentified. We left
~~March 21~~ camp late in the afternoon stopping at the CCC camp nearby to take their mail to town. Mr. Scott, the superintendent, had earlier in ~~the~~ day repaired a broken part on the car for us, and now he invited us to dinner. During the drive to Marathon, 84 miles away, ~~from~~ starting at about 5:30 PM I saw the following. Jack-rabbits (black-tailed) - 11, White-tailed Deer - 3, Silvilagus sp. 1, Owl - 1, Red-tailed Hawk - 1, Road Runner - 3.

March 21 After camping along the road we drove from early morning until about 4:30 P.M., when we reached Laredo on the Mexican border. During the trip from Dryden, Texas to Laredo, along the road I saw the following vertebrates (plus others unidentified): Mourning Dove, Shrike, White-necked Raven, Meadow Lark, dead Black-tailed Jack Rabbit, dead Red-tailed Hawk, English Sparrow, Turkey Vulture, Canyon Wren, Cardinal, Linnet, Mockingbird, Diamond-backed Rattlesnake (dead), Brewer Blackbird, Road Runner, Belted Kingfisher (call heard), Texas Woodpecker, Boat-tailed Grackle, Marsh Hawk, Lark Sparrow, Red-headed Woodpecker, Pyrrauloxia, and Harris Hawk (seen by Benson only).

March 22 We stayed in Laredo, Texas, while Benson got special permission to get our stuff across the border.

E.V. Waller
1940

General Account.

Boat-Tailed Grackles and English Sparrows were the only prominent birds now in Laredo.

March 23 We got across the border in early afternoon, ate at a Mexican restaurant and drove S on the main highway to Monterrey. 38 miles out from Nuevo Laredo, Mex., we turned off the main highway to the E on ~~th~~ a dirt road to Guerro. This was in bad shape due to a recent rain. We drove down this road a mile and camped to the ~~left~~ North of it about 100 yds. To the northwest we could see a small pond about ¾ mile distant. In the late afternoon I set out 50 wooden mouse traps (Baited with bird seed & oatmeal) on rocky (small) ground among fairly open brush about 4 to 5 ft. in height and resembling Ceanothus? Set out also 10 No 1 Schuyler traps (Baited with dried apricots) around wood-rat nests among prickly pear cactus. I then walked about a mile or more in a circle N of camp with my 16 gauge. Near camp I shot a cottontail. After dark I heard bats flying about giving a high pitched call note. Also heard coyotes yapping at sunset. Saw Desert Sparrow, Bewick Wren and Raven. Heard other birds. Visited my traps after dark - nothing in them - about 15 min. to 9 PM.

March 24 Began raining early in morning. We were in the tent but, not having it ditched completely the floor was soon muddy. Rained harder and harder throughout the morning. We picked up our traps. I took 4 *Neotoma micropus*, 2♂, 2♀; 1♀ *Perognathus merriami*; 1♀ *Dipodomys merriami*; 2♂ *Peromyscus leucopus* (immatures).

E. V. Miller
1940

General Account.

The Wood Rats were all caught in large traps set near their nests. Nearly 2 in. of rain by 11 30 A.M. Weather fairly warm. In the afternoon I walked about $\frac{3}{4}$ mile to a small lake about $\frac{1}{2}$ mile long and a $\frac{1}{4}$ mile wide. On it were Canvas-backed Ducks, American Widgeon, Green-winged Teal and Mallards. On the shore were Killdeer, Small Sandpipers (size of Western), Greater Yellow Legs, and American Pipit. Near the shore were Sparrow Hawks and a Swallow Tail Flycatcher. I also saw a Gopher-Snake which I collected. Many Ravens were flying about. On the way to camp I saw 3 Jack Rabbits and shot one.

March 25 Still cloudy. Began raining about 8 30 A.M. Colder today. We set out no traps last night. Too muddy for us to leave now. In the morning we put up 2 snakes and a toad. In the afternoon it was not raining, and Benson and I walked to the pond $\frac{3}{4}$ mile N of us. Here ~~we~~ Benson shot 3 Dowitchers, 1 Lark Bunting, and 1 Sandwich Sparrow, I got a Lesser Yellowlegs and on the way to camp a Cottontail. At camp Benson shot a Clay-colored Sparrow. We then set out 50 traps apiece — Mary's also.

March 26 Had in my Traps 6 ♂, 2 ♀ *Peromyscus leucopus* and one ♂ *Perognathus merriamii*. Rained very little or not at all last night, but still cloudy with fine misty rain this morning. Weather fairly warm. Put up mammals in the morning. Benson shot two Harris Hawks and a White-necked Raven at camp.

E. V. Miller
1940

General Account

He put up the hawks and I the Raven. About 4 PM we went hunting. I collected a Pyrrulopia and Benson 3 Polioptila caerulea and a Cottontail Rabbit. We also shot a Jack-Rabbit, which had an open wound on its side. We did not save it. It did not rain during the day but is still cloudy at night.

March 27 We left camp in the morning, setting only 25 traps the last night and not putting any of the catch (1 Peromyscus ♂) up. The side road was very muddy and we barely made the main road. We travelled to Monterrey, not seeing any good places to turn off and trap. We left the gray cloudy sky behind before reaching Monterrey. Benson saw the American Consul there, but there were not permits yet for us. We left soon, going a few miles to Catarina (still in Nuevo Leon). From here we took a dirt road S that soon led us into the river bottoms (The Pes River, I believe). We went about 1.5 miles S and then turned into a large dry canyon to the W. After about 1.5 miles up it we camped on the N side of a ridge "Island" in the center of the canyon. Some gypsum pits were being worked here by 10 to 15 Mexicans. They came up to visit us while their blasts were fired. Each of us set out 50 wooden mouse traps and I set out also 10 no 1 Schuyler traps for rats or squirrels.

March 28 In my traps I collected 5 (1♀, 4♂) (no embryos) Peromyscus leucopus. The night before I and Benson shot a few bats including: Tadarida femorosaca (I shot 1 T. femorosaca, ♀, no embryos), T. mexicana and a Pipistrelle During the day we put up specimens and collected birds.

E. U. Miller
1940

General Account.

I took 1 Dryobates scalaris, 1 Toxostoma curvirostra ?, 1 Clay-Colored Sparrow (See Bailey's Handbook), and one Blue-throated Hummingbird. In the afternoon I set out ~~50~~ 49 more wooden mouse traps and 10 more Schuyler No. 1's. These were all set on a rocky "hogback." Some at the base of the steep rocks of its side and some on top. Medium thick brush and cactus up to 6 or 7 ft. high covers it, where not too rocky. This is the 'island' upon which we are camped.

March 29 Picked up my 99 'Museum Specials' – Took 5 Peromyscus boylii in the 50 left out from the previous night and 7 of the same species in the 49 set yesterday. Sexes 5 ♂, 5 ♀, 2 unknown (sex). Put up my Cactus Woodpecker shot yesterday and saved my Clay-colored Sparrow as a skeleton.

March 30 We left yesterday's camp in the afternoon, drove back the river, where we collected a frog and several species of small fish. The river is called "Santa Catarina" by the natives and is a small, clear, cool stream. We drove up it to a ~~position~~ location on the ranch of a native: 2400± ft., Rancho Rodeo, 7.3 mi. S Santa Catarina, Nuevo Leon. In late afternoon here I set out 50 museum specials along a low brush fence lined with medium sized, foliaged trees. This morning I got from the traps 3 P. boylii 1♂, 2♀, and 1♂ immature P. leucopus. Shot two bats last night but could not find them. During the day I shot from the trees over our camp a Golden-fronted Woodpecker and a Black-crested

E. V. Miller
1940

General Account

Titmouse. In the late afternoon I set out 50 more M. specials for mice, up on a rocky, brush and cactus covered slope. I collected a Lark Bunting, a Linnet and a lizard (Holbrookia ?) while setting the traps. Later I set 10 Schuyler no 1 traps in a nearby field for Cotton Rats. These were set in a runway under some weeds at the edge of a wheat field. There was no signs (grass cuttings) here, however. In the evening I shot 4 bats and found 2 of them – both Tadarida mexicana, 1♂, 1♀.

March 31 Took 7 Peromyscus (boylii ?) in mouse traps, 4♂, 3♀. Took 1♂ Sigmodon in a rat trap. During the day shot a ♀ Calliope(?) Hummingbird at camp. In the afternoon Benson, Margo, and I went over to the E side of the canyon to inspect a 'bat' cave. The natives spoke of there being a 'few' bats here. The cave was about 15 ft. high and 50 ft. long and had been used as a goat pen. We found no bats. There is another cave farther away, which is supposed to have more bats. We expect to visit it tomorrow. In the evening I went hunting and collected a Scaled Quail (♀) and a Cottontail (♂). On the way to the cave I took a Cnemidophorus sexlineatus. In the evening I shot a ♂ Pipistrellus sp?

April 1 Yesterday Benson made known his desire to have some Citellus variegatus to some natives and gave two of persons some shells to get squirrels with. The result was that about 21 squirrels were brought in not only by the persons Benson had told but by several

E. U. Killer
1940

General Account.

others also. In the morning we went up to look at a bat cave. We were assured there were hundreds of bats in it. The cave was in the Arroyo San Bartolo about a mile W from camp. The cave was about 200 yds long and large enough to stand upright in in most places. There was a strong smell of Tadarida at the mouth, and further in we found small quantities of bat feces. We saw but one bat, however, which we were not able to capture. I collected 17 specimens of Scelopoms in the canyon, and one ~~Calliope~~ Broad-tailed Hummingbird.

April 2 Stayed in camp and put up C. variegatus couchii which the natives brought in considerable numbers, some trapped and some shot. Benson shot a Broad-billed Hummingbird at camp and I prepared it. We expect to leave for Monterrey tomorrow.

April 4 On April 2 in the evening I shot four Pipistrelles, 2♂, 2♀. On April 3 We went to Monterrey, where Benson managed to get himself a "Courtesy Permit". The American Assistant Consul, Mr. Moses, invited us to dinner, so that we were forced to spend the evening in town. On April 4 we drove toward Matamoros to a position 31 miles ENE of Bravo, Nuevo Leon. In late afternoon I set out 50 M. Specials and 10 Schuyler No 1s. I shot a Red-billed Pigeon, a Golden-fronted Woodpecker and a Wood Rat. After dark I set out 50 small live traps for mice. Habitat here is mesquite, other brush, prickly pear cactus and other cacti. The growth

E. V. Miller
1940

General Account

is 6 to 15 ft. high and so dense that one can hardly walk through it, in fact, in most places one can't. I looked at my rat traps after dark and found 4 Neotoma micropus, 3 ♀, 1 ♂. Nothing in the small traps, but many of them set off apparently by rats. The topography of the region is that of low rolling hills. The soil varies, much of it being fine gray-brown in color, and sandy. On the hills is more brush and the ground is covered with small pebbles. In the swales the cacti grow very thick and abundantly. The Opuntia is blooming now. A few tree yuccas are present. I shot a ~~Red billed~~ Pigeon (sp?), in the afternoon (as before mentioned) but it was only winged, and escaped into the cacti. I saw also a Cardinal, Mockingbird, Scaled Quail, and Cnemidophorus (sexlineatus?).

April 5 Picked up my traps in early morning. Nothing in M. Specials. 2 Neotoma micropus ♀'s in rat traps. 4 Perognathus merriami, ♂'s. in live traps.

April 6 Set 99 M. Specials, 50 live mouse traps and 3 rat traps yesterday afternoon and night. Caught 3 Neotoma micropus 1 ♂, 2 ♀; 3 Perognathus merriami ♂'s; 2 Liomys sp. 1 ♂, 1 ♀; and 1 Peromyscus leucopus, ♀. This is a different location from April 5. Yesterday we drove toward Matamoras into Tamaulipas, 24 mi. ESE Reynosa. This morning is cloudy, with a little rain. The barometer registers zero. Country here is

E. U. Miller
1940

General Account.

flat with medium thick growth of high mesquite and smaller prickly pear cactus. The soil is light grayish brown and of fine texture. After putting up the specimens we drove on to Matamoros. This town is fairly large but possesses exceedingly poor roads and we saw no stores or buildings of any consequense, most of the houses, etc., being of the dilapidated Mexican type. From Matamoros we drove S for 5.7 mi. and turned off into the brush, which here was mostly large mesquite and other brush, with a small amount of cactus. It was open enough to get through to set traps in most places. A little grass was growing on the gray-brown, fine textured soil. At sundown I set 50 M specials to the N of our camp. After dinner I set 50 live traps for mice, baited with birdseed. During this I shot a Silvilaguus and Benson a Paurague.

April 7 In traps set last night got nothing in live ones. In others: 1 Perognathus merriami ♂; 2 Onchomys leucogaster 1♂, 1♀; 7 Peromyscus leucopus, 4♂, 3♀. During the day Benson shot 2 Green Jays and I a White-eyed Vireo. After lunch we traveled S toward San Fernando, turning off the highway to go over to the Laguna Madre. Tonight we camped near an arm of it, by a small pond. I set 50 M. Specials on flat ground covered with a loose growth of tussocks of coarse large grass and small weeds. On the pond I shot a ♀ Shoveller and an

E.U. Miller
1940

General Account.

Avocet. Saw also Curlews, Black-necked Stilts, Small sandpipers, Killdeer, Cormorant, Tri-colored Red-winged Blackbirds, Lesser Scaup, Road Runner, Black Vultures, Caracara at camp. Heard a Night Heron. Along the road today saw Mockingbirds, Vermillion Flycatcher, Shrike, Cactus Woodpecker, Harris Hawk, Turkey Vulture, White Pelican, Swallows (sp?), Swifts (sp?). At camp in the morning heard a Chachalaca. Saw many Silvilagus out in the afternoon during an eclipse of the sun, which was about ½ observed here. At camp tonight we saw many Jack-Rabbits but no bats, which we expected near the water. Our location here is 41 mi. SSW Matamoros, 6 mi. E San Pedro, Tamaulipas.

April 8. Got nothing in my traps this morning. On the pond were White Pelicans, Willet, Godwits, Laughing Gull, and Terns (sp?) in addition to those seen yesterday. We went on to the Laguna Madre. The country here was sparsely populated, flat, sandy soil, and mostly covered with mesquite or grass and weeds. We caught a few fish at a small wharf. We then drove back along our former route, passing through San Pedro, La Gloria, La Reforma, Guichavo and El Tigre on the way to Matamoros. These 'towns' are nearly all nothing but ranches with names and a place on the map. We camped about 6 PM in the same place as day before yesterday! 5.7 mi. S

E. U. Miller
1940.

General Account.

Matamoros, Tamaulipas. I set out 50 M. Specials and 50 live traps, the latter after dark. Hear Parauques calling. Weather cooler, not many mosquitoes, etc. Driving along the road today Benson shot 2 Citellus mexicanus and we saw a White-tailed Deer. At El Tigre I found a small toad hiding in a land crab's hole. We looked for mole signs but found none. We saw some gopher signs a few miles S of Matamoros.

April 9 In my 50 M. Specials I took 2 ♀ Peromyscus leucopus, 1 ♀ Sigmodon sp., 2 ♂ Perognathus merriami, and 2 ♀, 1 ♂ Onchomys leucogaster. In my 50 live traps I took 2 ♂ P. merriami and 1 ♀ Rheithrodontomys sp. This camp was made because we could travel no farther yesterday. It turned out to be within a few hundred yards of our camp of the night of April 7: 5.7 mi. S Matamoros, Tamaulipas. The habitat was the same as the country here is flat and much alike for miles. Today we travelled on through Matamoros and W toward Reynosa. Our steering gear broke about 40 miles from Reynosa so we proceeded slowly to within a few miles of town and camped. Set out 50 live traps.

April 10 Got 2 ♂ Perognathus merriami in my live traps. Location about 1 mi. SE Reynosa. From Reynosa we drove south to Charco Escondido. In the afternoon I set out 50 M. Specials in a habitat of medium thick large mesquite, other brush and prickly pear cactus.

E. U. Miller
1940

General Account.

April 10 (cont.) The soil is partly fine light brown sand and partly covered with a layer of thin dried mud — due to a flood about a month ago. We are camped on the east side of the pond, which is on the east side of the town. ~~After dark I set 50 live traps for mice in a field southeast of town~~. Set one steel trap for a wood rat.

April 11. Caught one ♀ Neotoma micropus and 2 ♂ Peromyscus leucopus (one immature).

April 12. Set 10 Schuyler no 1's for rats and 50 M. Specials for mice, partly along a brush fence around a ploughed field, last night. Caught 3 ♀ and 2 ♂ Neotoma micropus, 3 ♀ and 5 ♂ Perognathus merriami, and 1 ♀, 2 ♂ Peromyscus leucopus. Away from the field I caught practically none of the mice. The weather was cloudy and cool today in contrast to the heat of yesterday. Set 33 M. Specials along same fence and field tonight.

April 13 Caught 2 ♂, 1 ♀ Peromyscus leucopus, 4 ♂ Perognathus merriami, and 1 ♂ Rheithrodontomys sp. We expect to leave this camp today. We drove on through Reynosa and towards Monterrey. I set out 50 M specials on a low hill near the road. The soil was covered in some places with dark gray rock and in others with reddish colored rocks. The plant growth was thorny brush. About dark I set out 50 live mouse traps. I found no wood rats nests. The weather is cool and clear. Before dark I shot 2 lizards (Callisaurus ?) and a ♂ Verdin. The latter was on a nest, but there were

General Account.

No eggs. Our location is 36 mi. ESE of Monterrey, Nuevo Leon. On driving on to Monterrey April 14 we found the automobile mileage to be 39 miles.

April 14 In my traps I took 1♂ Perognathus merriami, 1♀ immature Perognathus nelsoni, 3♀ and 1♂ Peromyscus eremicus, 1♂ and 1♀ Peromyscus leucopus — these in the M. Specials. In the live traps I took 2♂ P. merriami and 1♀ P. eremicus. We drove on from here to Monterrey and from there more or less south into the mountains about 10 miles at an elevation of 4000 ft. There is a small resort here called Chipinque. The road was built by Almazan. The habitat here consists of large oak trees, a few pines and other species unknown to me. Underneath is a medium thick growth of low brush, weeds, and grass. The ground is rocky and in a small canyon where I set traps there are boulders 30 ft. high, nearly covered with small plants. We are camped near the small house of a native. The person in charge of the resort refused us permission to camp there. In the late afternoon I set out 50 M. Specials and 10 Schnyder No 1's, although I saw no sign of any rats. Small traps were baited with oatmeal and birdseed, the large with dried peaches. Our camp is by a house with a pump for water — place known as Aguaje del Lobo. We called it 10 mi. S Monterrey, Nuevo Leon.

E. U. Miller
1940

General Account.

April 15 In my traps I took 4 ♂, 3 ♀ Peromyscus boylii, one ♀ small Neotoma-like mammal. In a rat trap I caught a Bassariscus astutus by the tail. I caught a skink in leaves on the ground while picking up traps. Birds of the region which I saw were: Black-crested Titmouse, Band-tailed Pigeon, Chipping Sparrow, Whip-Poor-Will (heard), Bewick Wren, Acorn-Storing Woodpecker, Jays - Aphelocoma sp?, Cedar Waxwing, and Quail (sp?) We drove back to Monterrey to have the car repaired.

April 17 Spent all day yesterday getting car fixed. Afterwards we drove S of Monterrey on the Pan-American Highway to Kilometer 755. Here on the night of the 16th we camped by a small irrigation ditch. I set out 50 m. specials, 10 no1 Schuyler and 50 live traps (for mice). The first 60 were set along the edge of a corn field backed by brush. In these I took 2 ♀, 1 ♂ Liomys sp., 1 ♀ Sigmodon sp., 1 ♂ Baiomys sp., 2 ♂, 1 ♀ Perognathus merriami, 1 ♂ Perognathus hispidus, and 1 ♂, 3 ♀ Peromyscus leucopus. From here we drove S past Ciudad Victoria. Our position last night was Km 755, Cruz y Cruz, 29 mi. N Victoria, Tamaulipas. We stopped in a tropical habitat. In late afternoon I set out 50 m. specials and 10 no1 Schuylers. I shot a Motmot and saw numerous Parrots, Pigeons, and Doves. The traps were set along a dry, small, rocky, stream bed with fairly dense forest with medium dense underbrush. Our position this night is Arroyo

E.V. Miller
1940

General Account.

April 17 (cont.) Los Miradores, 1 mi. W Km. 619, 22 mi. N Linar, Tamaulipas. Here I shot 2 kinds of flycatchers and a kind of black jay.

April 18 In my traps took 1 ♀ Origomys sp., 4 ♀, 4 ♂ Peromyscus leucopus. We left this place and its innumerable ticks to drive on South. We stopped along the highway near Km 459, 9 mi. S Valles, San Luis Potosi. I set out 50 M. Specials and 10 Schnyler no. 1s for the night.

April 19 Took one ♂ Peromyscus boylii, and shot a wren at camp. The habitat here was Bullhorn Acacia, small Palms, and thick high brush. My traps were set along a small rocky gulch. Benson got many more mice by setting his traps up the hillside. We drove on toward Mexico City, stopping in the mountains a short distance off the main highway near Km. 232 on the side road to Maguey Verde, state of Hidalgo.

April 20 Our location for this morning is 7100± ft. Maguey Verde, 8.5 mi. NE Zamapan, Hidalgo. I took one ♂ Peromyscus sp.. My traps were set in brush along the edge of an old cornfield (50 M. specials and 10 Schnyler no. 1's.). Delgadillo took more mice along a fence lined with Maguey plants. The habitat is small pine of 2 or more species, not pine being one, oaks with a light underbrush of Baccharis sp., Maguey or Century Plant, and other brush. In the afternoon I shot 2 Thryomanes bewicki, one "Red-backed" Junco, a Seelophorus sp., and an Empidonax sp. Benson shot a thrush - Hylocichla (?) sp. and an Aphelocoma sp. in addition. Last night I shot 2 ♂ Eptesicus fuscus (bats).

E. V. Miller
1940

General Account

The country here is made of rounded mountains and deep canyons.

April 21 Camped last night at 5700± ft. 0.7 mi. S Puente Tasquillo, Hidalgo. Desert, mountainous country. In the evening I shot one ♂ *Pipistrellus* sp. Set out 50 M. Specials and 3 rat traps. Took 5♂, 2♀ *Peromyscus truei*. Mequite and other brush present but sparse. Cactus wrens, Canyon Wrens, White-throated Swifts, and White-winged Doves present; also Sinnets, Bewick Wrens.

April 22 Yesterday we drove toward Mexico City, turning off the main highway to go to Los Piramides de San Juan Teotihuacan. In the evening yesterday I set out 50 M. Specials near a small park near the pyramid "Templo del Sol." The habitat here was piles of loose rocks 3"-4" in diameter, bare earth, pepper trees, and prickly pear cactus. Also I set, with S. Delgadillo, 9 gopher traps in the Templo de Quetzalcoatl. The gopher burrows were very numerous here and large – 3"-4" in diameter, but because we set the traps at night we could not tell fresh mounds from old ones and I took but 1 immature female (*Cratogeomys*?). In the mouse traps I took 1♂ *Peromyscus truei*. In the afternoon we drove on to Mexico city to arrange for permits.

April ~~May~~ 30 Left Mexico City yesterday and drove east to camp at 9600± ft, 5 mi. E Amecameca, Mexico. I set 50 mouse and 10 rat traps in a forest habitat.

E. V. Miller
1940

General Account

There were scattered pines and much low brush here.

May 1 Took in my last night's traps 1♂, 1♀ *Peromyscus melanotis*, 2♂, 1♀ *Peromyscus melanophrys*. I caught a small *Sorelopsus* ? sp. And last night I shot 2 bats, 1♂ *Lasiurus cinereus* and 1♂ *Eptesicus fuscus*.

May 2 Yesterday afternoon we drove toward Mt. Popocatepetl, camping ~~camping~~ at the end of the road, about ½ mile N of the main base or slope of the mountain. Our elevation—11,000± ft. Yesterday afternoon I set 50 M. specials and 4 Schuyler No. 1's. The habitat was large thick bunch-grass with a few small scattered pines. It rained about 1 inch after my traps were set, in the evening. This morning I took 6♂, 4♀ *Peromyscus melanotis* and 1♂, 1♀ *Peromyscus melanophrys*. I rebaited and reset my traps and left them out. Early in the afternoon it began to hail small stones and has continued until now—4:20 P.M. Popocatepetl had a fairly heavy covering of snow when we arrived. This (or the hail) has extended 1 or 2 thousand feet lower than it was yesterday.

May 3 Set 47 live traps for mice last night in addition to the 50 left out from night previous. In the live traps took 2♂, 2♀ *Peromyscus melanotis*. In the others took 3♂, 1♀ *Peromyscus melanotis*, 1♀ *Peromyscus melanophrys* and 2♀ *Rheithrodontomys megalotis*. In the morning from 8:30 to 10:30 I

E. V. Miller
1940

General Account

went hunting for Romerolagus diazi. I saw none although Benson saw ~~some~~ and Delgadillo shot one. I shot 11 Sciloponus sp? In the afternoon I set 2 double sets for gophers and caught one ♀ Thomomys umbrinus. Later I set 36 M. specials for mice along the base of a low rock cliff. While doing this I collected a Pygmy Nuthatch and its (Probably a wren's nest)? nest containing 4 well incubated eggs. The nest was in a crevice in a rock cliff, about 4 ft. above the ground. I also shot a small yellow warbler? While setting my traps hail fell for a few minutes so that I had to reset my traps. After dark it rained a little. The temperature drops below freezing at night.

May 4 In my traps I took 4 ♀, 7 ♂ Peromyscus melanophrys, 1 ♂, 1 ♀ Rheithrodontomys megalotis. I shot 14 lizards and saw one Romerolagus diazi. In the afternoon we drove back on the same road to a location: 10,800± ft. La Providencia, NW slope Popocatepetl, Mexico. We camped beside a small stream near some buildings which are the official headquarters of the park, although no one lives there at present. I set 50 M. specials along the stream and on the hillside. The habitat: fine dark soil, considerable large bunch grass, brush, medium sized fir trees (Abies sp.). In the evening about 6^45 to 7^00 PM I shot 4 ♂ Eptesicus fuscus.

May 5 Took in my traps 3 Microtus mexicanus, 3 ♂, 6 ♀ ~~Peromy~~ Peromyscus melanophrys, and 1 ♂

E. V. Miller
1940

General Account

Peromyscus melanotis. In the afternoon we drove on to the next camp at El Pedregal, 2.5 mi. W Tlalpan, D.F. Here I set out 85 m. specials and 47 live traps, all for mice. I took 9 ♂, 8 ♀ Peromyscus boylii, 5 in the live traps. The habitat was fields of low grass and rocky lava beds with a medium thick growth of nopal cactus, small oak trees, grass, and other small herbaceous plants. From here we drove on through Toluca to a location, 10,000± ft. 15 mi SW Toluca, Mexico. In the late afternoon I set out 85 m. Specials and 50 live traps.

May 7 Took nothing in any live traps; in the others 7 ♂, 5 ♀ Peromyscus maniculatus and 1 ♀ Rheithrodontomys megalotis. We saw no bats last night. The weather is cool and clear today. My traps were set under small Pines, Baccharis sp? and along the creek. The mice were all taken very near the creek. The soil is sandy and light yellow-gray in color. The pines are small and scattered and the brush is not thick. In the afternoon we drove on up to the big crater of the Nevado de Toluca. There are two small lakes in the crater, which is above timber-line. The slopes are covered with rocks and bunch-grass. We drove back down the road to about 12,000± ft., where we camped in a deserted "Chalet." The country here consisted of steep slopes covered with bunch-grass and a thin growth of pines 70-100 ft. high.

E. V. Miller
1940

General Account.

I set out 85 M. specials and 47 live traps along 2 small streams.

May 8. Took in my traps 7♂, 3♀ *Peromyscus melanotis* and 2♂, 3♀ *Microtus mexicanus*. Collected the nest and eggs of a "Rufous-backed" Junco. In the afternoon we drove toward Morelia in Michoacan, camping at a very small settlement known as "Macho de Agua, 10 mi. ESE Zitácuaro. I set out 50 M. specials under high brush on the N. facing slope of a deep, steep sided gulch. There were a few oaks and some small alders here, besides much other brush. I then set about 40 M. specials near camp on the ridge near pine trees and among *Baccharis* sp. and rocks.

May 9 I took 1♂, 1♀ *Rheithrodontomys fulvescens* in my first 50 traps and 3♂, 1♀ *Peromyscus melanotis* in the last 40. In the afternoon we drove on through Morelia, Michoacan, Yesterday we had crossed a range of mountains covered with oaks, pines and firs, but this afternoon after passing Morelia the country was arid with a sparse covering of Nopal cactus and brush. Considerable of the land was cultivated and had large rock fences around the fields. We camped by one of these, where I set out 100 M. specials.

May 10 This place, which looked so promising, yielded nothing but evidence that one mouse had been

E. V. Miller
1940

General Account

caught and had escaped. Brown Towhees, Bewick Wrens, Hummingbirds, and other species of birds were present. Camp located at 6.4 mi. W Morelia, Michoacan.

May 11 We drove on stopping near Lake Chapala, Jalisco, last night but did not trap as we wished to reach Guadalajara this morning to ship specimens.

May 12 Set 50 traps last night at a location: El Roble, 8 mi. NE Tepatitlan de Morelos, Jalisco. This is on the old road from Guadalajara to Aguascalientes. The habitats were open fields covered with low, dry grass, ploughed fields, nopal cactus, growing large ~~and~~ in almost pure stands, but not thick, and lastly a thin oak woods with small mostly dead brush underneath. The country was very dry and prospects did not look good. This morning I got 2 ♀ Peromyscus boylii in my traps. Last night I discovered a Mephitis macroura rooting with his head under a nopal cactus. I shot him.

May 13 Yesterday we drove on and camped in Jalisco at the state line of Jalisco and Aguascalientes. Our location: 1900 m. 9 mi. N Encarnacion de Diaz, Jalisco. In the evening of May 12 I set out 75 M. specials around the edge of a field, previously planted with corn. The field was edged with small trees, dry grass, and nopal cactus. This morning I took 10 Peromyscus maniculatus, 2 Peromyscus boylii, 1 Baiomys sp., 1 Perognathus flavus, and 4 Perognathus

General Account.

nelsoni. This afternoon I set 75 traps again, a part of them along a shallow gulch E of the railroad that runs by camp. White-winged Doves, Bewick Wrens, Brown Towhees, Cardinals, Golden-fronted Woodpeckers, California(?) Jays and other birds were seen around camp. Phainopepla also.

May 14 Took in my traps 7 Perognathus nelsoni, 1 Rheithrodontomys fulvescens, 1 Baiomys sp., 4 Peromyscus maniculatus, 11 Peromyscus boylii, and 2 Perognathus flavus. These latter 2 were taken in live traps set near the edge of an old corn field. In the afternoon we drove on through the city of Aguascalientes to a location: 2000 m. 3 mi NE Aguascalientes, Aguascalientes. In the late afternoon I set 50 m. Specials here. The country was low hills covered with a medium thick growth of small brush (leafless) and large nopal cactus. While setting traps I saw Linnets, Mockingbird, Bewick Wren, White-winged Dove, Dryobates sp., Raven, ~~and~~ Silvilagus sp. and Scaled Quail.

May 15 Took in my traps 3 ♀, 1♂ Rheithrodontomys fulvescens, 1♂ Liomys irroratus, and 1 ♂ Peromyscus sp. In the afternoon we drove on to a location: 1900 m. 1 mi. N Chicalote, Aguascalientes. This Chicalote is a railroad station. Another Chicalote near here is a rancho. Both of these are a few miles north of the city, Aguascalientes.

E. V. Miller
1940

General Account

In the afternoon I set 75 M. specials along a low bank of earth, covered with low leafless brush, nopal cactus and small trees. The country here is nearly flat, with low hills rising to the E. There are a few fields near. Dipodomys spectabilis is present but does not build high mounds. Instead, the workings of this species are found around the bases of brush, and are very low.

May 16. Took in my traps 2 ♂ Onchomys torridus, 1 ♀ Liomys (?) sp., 2 ♀ Perognathus hispidus and 3 ♂, 3 ♀ Perognathus nelsoni. Saw Scaled Quail, Caracara, and Cardinal this morning. In the afternoon I went hunting and saw in addition: Desert Sparrow, Gnatcatcher (sp?), Mockingbird, Cactus Wren (collected one), Bewick Wren, Nighthawk (sp?), Brown Towhee, Clay-colored Sparrow, Golden-fronted Woodpecker, White-winged Dove, Curve-billed Thrasher and Mourning Dove. In the evening I set out 75 M. specials, 50 Live Traps, and 16 Schnyler No. 1s.

May 17 Our location for May 16 and today is: 1900 m. 1 mi. N Chicalote, Aguascalientes. In my traps this morning I took 1 ♀ Dipodomys merriami, 1 ♀, 1 ♂ Dipodomys ordii, 1 ♀ Perognathus hispidus, and 5 Perognathus flavus (3 of them immature). In the afternoon we drove through Aguascalientes

E.V. Miller
1940

General Account

toward the city of San Luis Potosi. We stopped at 6 mi. SE Punta, Jalisco. I set out 75 m. specials, some among thin brush and cactus on the floor of a small valley and some along the base of large rocks near the top of a low ridge. Dry grass, a little brush and cactus were also here.

May 18 Took in my traps 1 ♀ Peromyscus boylii. Also caught a Thomomys umbrinus — had 4 traps set for gophers. Last night I collected 7 of a small species of Rana. These were living by a few pools of water in the gulch nearby, most of which was dry. In the afternoon we drove to San Luis Potosi, San Luis Potosi, and camped 2 mi. NW of the city. In the evening I set out 65 m. specials.

May 19 Took in my traps 2 ♀ Peromyscus maniculatus, 1 ♂ Perognathus nelsoni, 1 ♀ Dipodomys ordii, and 1 ♀ Dipodomys merriami. Caught a small red-spotted toad last night. The habitat here is sandy, light gray-brown soil, mostly fields of Maguey plants, with a few 'pekpei' trees, cacti, and species of brush around them. Mockingbirds, Cactus Wrens, Desert sparrows, Ravens and Shrikes were birds I saw near camp. Also Turkey Buzzard. In the afternoon we drove over a rough dirt and rock road to a location 1 mi. W Hacienda la Parada,

E. V. Miller
1940

General Account

and approximately 20 mi. NW San Luis Potosi, San Luis Potosi. In the afternoon I collected 2 Sceloporus sp., one Cnemidophorus sexlineatus, one ♀ Lucifer Hummingbird with nest and eggs, one set of Cactus Wren eggs, and a Silvilagus sp. In addition I saw Cactus Wren, Bewick Wren, Cactus Woodpecker, Cuatcatche (sp?), Desert Sparrow, Mockingbird, Scaled Quail, Verdin, Brown Towhee, Curve-billed Thrasher. At the Hacienda La Parada I saw English Sparrow, Barn Swallow, and Cliff Swallow. The Hacienda is very large but practically deserted now. The country here is made up of low hills with a medium-thick cover of several varieties of cacti, including nopal and cholla, and brush. I set out 75 M. Specials and 47 live traps, for mice.

May 20 In my live traps I took 1♀ Dipodomys merriami and 3♂, 1♀ Perognathus nelsoni. In the others I took 3♀ Dipodomys merriami, 1♂, 1♀ Peromyscus eremicus and 1♂, 3♀ Perognathus nelsoni.

May 21 Set 75 M. Specials and 47 live traps for mice last night at same locality as May 20. Took 1♀ Onychomys torridus, 5 Perognathus nelsoni, and 1 Peromyscus eremicus. In the afternoon we drove toward San Luis Potosi, stopping 1 mi. NW of Mezquitic to collect Scaphiopus sp. These were very numerous in ponds of water

General Account.

which were standing from a recent rain. Some of these toads were 'copulating' in the water. We drove through San Luis Potosi (the city) and north toward Matehuala.

May 22 We continued toward Matehuala. At Kilometer 112 on the 'highway' we turned off on a dirt road which led through groves of large yuccas and patches of creosote brush. Previous to turning off the highway we had passed through hilly country, some parts having a scant covering of brush and grass and other parts a heavy growth of large brush, and large cacti of several species. In the afternoon we ran into a little rain and then into muddy roads. We were stuck about 8 mi. E of Matehuala and after getting out of the mud we camped here. I set out 50 M. specials at about 7:30 to 8:00 P.M.

May 23 Took 1♂, 1♀ Peromyscus eremicus, 5♂ Perognathus penicillatus, 2♂ Perognathus nelsoni in my traps. These were set along the edge of an old corn field lined with thick mesquite brush. Soil muddy at present from a recent rain. Weather clear today. I collected also a ♀ Bewick Wren this morning. I saw Bufo sp., Sceloporus sp., Boat-tailed Grackle, Mourning Dove, White-winged Dove, Desert Sparrow, Clay-colored Sparrow, and Mockingbird + Blue Grosbeak. We are in a wide valley, running north and south. Collected also a Cnemidophorus sp.

E. V. Miller
1940

General account

May 24 Yesterday we drove on toward la Ventura and Saltillo. We stopped at a location: 11 mi. NW Cedral, San Luis Potosi. I set out 70 M. specials. and this morning took 1 ♀ Peromyscus sp., 1 ♂, 1 ♀ Peromyscus eremicus, and 3 ♂, 3 ♀ Dipodomys merriami. The habitat was yucca trees, creosote bush, and cacti on rocky soil.

May 25 Yesterday we drove on to Fuln, Zacatecas and camped ½ mile N of town. I set 75 M. specials near creosote bush, mesquite, weeds, and cacti. This morning took 2 Dipodomys merriami, 1 ♀ Peromyscus eremicus, and 1 ♂ Perognathus penicillatus. In the afternoon we drove on about 3 mi. N of Fuln, Zacatecas, but were forced to stop because of automobile trouble. I set 50 M. specials along the railroad track, near ~~[illegible]~~ creosote bush, cacti, and partly on grassy soil, and partly on bare rocky soil. At this locality today I saw Harris Hawk, Scaled Quail, Plumbeous Gnatcatcher, Bewick Wren, Linnet, Turkey Vulture, Mockingbird, Cactus Wren, Canyon Towhee, Curve-billed Thrasher, and Golden-fronted Woodpecker. I collected ~~[illegible]~~ 3 Cnemidophorus sexlineatus here.

May 26 Took 1 ♂ Perognathus penicillatus, 1 ♂ Peromyscus maniculatus, 1 ♀ Dipodomys spectabilis, and 3 ♂, 3 ♀ Dipodomys ordii this morning. In addition

E. V. Miller
1940

General Account

to the birds seen yesterday I saw Desert Sparrow, Poorwill, ~~and~~ Nighthawk, Plumbeous Gnatcatcher (found a nest of this with 3 eggs), and Shrike. In the afternoon I collected another Cnemidophorus sexlineatus, 2 of a different species of " , a Bewick Wren, Desert Sparrow, and a Plumbeous Gnatcatcher. In the evening I set 2 double sets for gophers, 10 traps for rats and 50 for mice.

May 27 Took in my traps 2 ♂ Geomys sp., 4 ♀, 1 ♂ Dipodomys merriami, 1 ♀, 3 ♂ Dipodomys ordii and 1 ♂ Perognathus penicillatus. Delgadillo took in his traps 2 ♂ Peromyscus sp., 3 ♂ Perognathus penicillatus, 1 ♀ Neotoma albigula, 1 ♂, 1 ♀ Dipodomys spectabilis, 2 ♂, 1 ♀ Geomys sp. and 1 ♂, 1 ♀ Pipilo fuscus. In the afternoon I collected the eggs, 3 in each set, fresh, of a Brown Towhee and a Plumbeous Gnatcatcher. Also a Traill (?) Flycatcher, a Bewick Wren, a Red-shafted Flicker, and a Silvilagus sp. Saw in addition Raven, Mourning Dove, and Boat-tailed Grackles. ~~In the afternoon, our car repaired, we drove on through to Ventura and 5 miles north we came to a small ranch called San Juan Neponuceno, in Coahuila. Thus~~ In the afternoon I set out 50 traps for mice and 10 for gophers. Delgadillo set out 50 for mice, 10 for gophers, and 10 for rats.

May 28. I took in my traps 2 ♂ Geomys sp., 1 ♂

E.V. Miller
1940

General Account

Dipodomys spectabilis, 3♂, 1♀ Dipodomys merriami, and 4♂, 2♀ Dipodomys ordii. Delgadillo took in his traps 2♂, 2♀ Geomys sp., 1♂, 1♀ Peromyscus sp., 1♂ Rheithrodontomys megalotis, 2♂ Peromyscus maniculatus, 1♂, 1♀ Neotoma albigula, 3♂, 2♀ Perognathus penicillatus, 2♂, 3♀ Dipodomys ordii, and 1♂ Dipodomys merriami. In the afternoon we drove into the state of Coahuila, through la Ventura and 5 miles north of it camped at a small ranch, San Juan Nepomuceno. There is a prairie dog city here, about a half mile wide and a mile or more in length. I shot four, 1♂ and 3♀. A person can walk up to within 20 to 30 feet of these animals, so there is no need to waste ammunition at long range as we did at first. In the afternoon I collected 2♂, 1♀ of Cynomys mexicanus, I collected a set (3) of eggs of a

May 29 Curve-billed Thrasher. I set 50 traps for mice in low sparse creosote brush, and near cholla cactus. I saw Dipodomys spectabilis mounds. Saw also Black-tailed Jackrabbits, Sylvilagus sp, Desert Sparrows, Turkey Vulture, Kingbird, (Western?) Barn Swallow, and Boat-tailed Grackle.

May 30 ~~May 29~~ Took in my traps 3 Dipodomys merriami and 3 Dipodomys ordii. In the afternoon we drove north toward Saltillo. Along the road I collected a ♂ Citellus spilosoma. We saw Cynomys' cities at about 19 and 24 miles north of la Ventura,

E.V. Miller
1940

General Account.

Coahuila. We had tire trouble in the afternoon and evening and did not set out traps.

May 31 We drove on to Monterrey, Nuevo Leon to have the car repaired.

June 1 We left Mexico through Laredo at about 11 in the morning and drove NW through Texas to a location ~~6.7~~ 5.8 mi. W Sanderson, Terrell Co., Texas. In the late evening I set out 50 M. specials and 47 live traps for mice.

June 2 Took 1 Perognathus merriami in a live trap. Soil at this place rocky and hard. Sparse small brush of several species present. In the afternoon we drove on to a location 1 mi. ~~NW~~ N Fort Davis, Jeff Davis Co., Texas. This was at the mouth of Limpia Canyon, a small affair about ¼ mile wide and 300 or 400 ft. high, with steep sides and a low rock cliff ~~[illegible]~~ at the top of its sides. The sides were strewn with boulders up to 6 ft. or more in height. I set 70 M. specials and 47 live traps for mice along this cliff. In addition I set 10 traps for gophers in a sickly alfalfa field in the floor of the canyon.

June 3 Took nothing in my mouse traps. Took 2 ♀ Cratogeomys sp. in my gopher traps. In the afternoon we drove into New Mexico, to 3 mi. NW Carlsbad, Eddy Co. In the late afternoon I set out 67 M. specials for mice

E. V. Miller
1940

General Account.

among small dunes of light brown sand. These dunes were fairly thickly covered with brush, weeds, etc. In the evening I set out 47 live traps for mice around the edge of a planted field and a hay field next to brush.

June 4. Took nothing in my live traps and in the others 1♂ *Dipodomys merriami*, 2♂, 1♀ *Dipodomys ordii*. In the afternoon we drove on to the White Sands National Monument, Otero Co., New Mexico. The museum ~~at~~ at this place was under construction. The officers present were exceedingly helpful and allowed us to camp and trap in the sands. We camped 4 mi. N W of the museum. I set out 47 live traps and 67 M. specials for mice.

June 5 Took one *Peromyscus maniculatus* in my live traps and one *Dipodomys merriami*, 2 *Dipodomys ordii* and one *Onychomys torridus* in my wooden traps. On the afternoon of June 4 we picked up a ♀ Badger along the road, 14 mi. NW Carlsbad, Eddy Co., New Mexico.

June 7 We camped 17 mi. N W Indio, Riverside Co., Calif. After dark I set out 47 live traps for mice, among sparse brush growing on sand dunes of gray-white sand.

June 8 Took nothing in my traps, possibly because of lack of bait. Benson got 2 species of pocket mice, a *Dipodomys* and a *Mus*.

E. V. Miller
1940

General Account

June 8 (cont.) In the evening we arrived at Cuddy Valley, near Mt. Pinos, Ventura Co. ~~to~~ I set 47 live traps for mice at the head of the valley, on fine sandy soil among thick sage brush.

June 9 Caught 8 *Peromyscus maniculatus* in my traps. In the afternoon we arrived in Berkeley at the end of our trip.

E. U. Miller
1940

Baiomys sp.

April 17 Km. 755, Cruz y Cruz, 29 mi. N Ciudad Victoria, Tamaulipas.
Took one ♂ in trap set next to a cornfield, along a brush fence.

May 13 1900 m. 9 mi. N Encarnacion de Diaz, Jalisco.
Took one ♂ at edge of old corn field near dry grass.

E.V. Miller
1940

Black-tailed Jackrabbit
Lepus californicus

Mar. 20 Brewster Co., Texas. Driving from the Chisos Mts. to Marathon in the evening and after dark, 84 miles, saw 11 jacks along the road. Also several dead, run over by automobiles.

March 24 400'± elev. 38 mi. S Nuevo Laredo in Nuevo Leon, Mexico. Shot ♂ Jack-rabbit (1 embryo) on the desert. Saw 2 others. Habitat - Prickly pear cactus and other cacti. Mesquite and other similar brush. Practially no grass. Cottontail Rabbits and Coyotes also present.

April 8 41 mi. SSW Matamoros, 6 mi. E San Pedro, Tamaulipas. Location near (within a mile) of Laguna Madre. Jack-rabbits very common near the seashore where there are fields of weeds and grass; not so a few miles inland.

April 11 Charco Escondido, 20± mi. S Reynosa, Tamaulipas. Saw 3 of this species this morning - habitat - grassy level field with a few mesquite, etc., trees on it.

May 20 1 mi. W Hacienda la Parada, 20 mi. NW San Luis Potosi, San Luis Potosi. Saw several 'jacks' in habitat of medium thick brush and cactus on low ~~rocky~~ hills of rocky soil. These were rarely seen within shotgun range.

May 29 San Juan Nepomuceno, 5 mi. N la Ventura, Coahuila. Jacks quite common in grassy spots among creosote brush and cholla cactus.

E.V. Miller
1940

Citellus spilosoma

May 30 9 mi. N la Ventura, Coahuila. Collected a male along the road. Country was a prairie with short grass and weeds, fine fairly soft soil, and a few small bushes. This squirrel, like others of his kind, was seen running over the ground. We stopped the car about 40 ft. from him. When shot he was perched on the edge of the hole of a Cynomys mexicanus.

E. V. Miller
1940

Citellus variegatus

April 1 2800± ft. Arroyo San Bartolo, 7 mi. S Santa Catarina, Nuevo Leon, Mexico. In the early afternoon as I was coming down the canyon a large black and brown squirrel ran across my path and into some boulders before I could get a shot at it. The walls of the canyon were high and precipitous and the bottom strewn with boulders and with a medium growth of cacti and several species of brush. Canyon wrens sang from the cliffs on either side and I shot a ~~Calliope (?)~~ Broad-tailed Hummingbird and numerous individuals of a species of Sceloporus. Several species of flowers were in bloom although the stream bed was dry in most places. The rocks appeared to be limestone and a dark gray harder kind. The cliffs were a very dark gray, in harmony with the dark color of the squirrel I saw. Yet the one I saw showed up strikingly because of his exceedingly dark and glossy pelage.

E. V. Miller
1940

Hog-nosed Skunk
(Conepatus sp.)

March 19. 5800' ± ½ mi N Emory Pk, Chisos Mts., Brewster Co., Texas. Just after dark, ¾ moon, S.B. Benson, M. Delgadillo and I were coming down a mountain trail, when Benson, in the lead, saw a skunk a few feet ahead of us on the trail. We threw rocks and in a few minutes, after a chase of 50 yds. or so, Benson killed the animal.

E. V. Miller
1940

Corynorhinus rafinesquii

March 20 Near Mt. Emory, Chisos Mts., Brewster Co., Texas. One ♀ without embryos taken near a seep Spring by some CCC worker. Given to me by Mr. Scott, superintendent of the camp there. See S.B. Benson specimen register, same date.

E. V. Miller
1940

Cratogeomys merriami

April 22 8000± ft. Templo de Quetzalcoatl, Piramides de San Juan Teotihuacán, Mexico. Set out 9 gopher traps late at night in the moonlight with Señor M. Delgadillo. Took one immature female. We had much difficulty in telling the fresh from old mounds at night and also our traps were too small for this species. Adults that S.B. Benson and M. Delgadillo took weighed up to 600 grams. The burrows were very numerous in this region and the gophers could be seen working in the daytime. The burrows were 3 to 4 inches in diameter. The soil was hard and dry at the surface and covered with a scant growth of cactus.

June 3 Limpia Canyon, 1

E. V. Miller
1940

Cynomys mexicanus

May 28 San Juan Nepomuceno, 5 mi. N la Ventura, Coahuila
A small ~~prairie~~ dog city, about ½ mi. wide and 3 miles or more long is located at this place. The country is a wide valley, mostly covered with brush, but here there is a grassy plain, dotted with the mounds of the 'dogs'. These mounds are scattered irregularly from ~~100~~ 50 to 100 feet apart in most instances, and are from 1 to 2 feet in height, with the steeply slanting hole near the center of the mound. The mounds vary with the age of the occupants. Those of small dogs are 1½ to 2 ft. wide, while those of older dogs are from 2 to 4 ft. wide. The ground, which is flat, light colored, and not hard, is sparsely covered with low grass and very small low weeds. The larger 'dogs' usually occur singly, but not always. The youngsters are often in ~~twos~~ twos, threes, or fours. As one approaches the 'city' dog can be seen sitting upright from about 50 yds. on. When one approaches closer they drop to all fours legs and jerk their short tails rapidly up and down. They then run into their burrows, but stick their heads up to observe your closer approach. They have two kinds of calls – a rough but sharp <u>keek</u> and a more drawn out <u>kăp</u>.

May 30 Saw 2 more Prairie Dog cities, at about 19 and 24 miles N la Ventura, Coahuila. They were both fairly small.

E.U. Miller
1940

Dipodomys merriami

March 19 2450'± Coopers' Well, 47 mi. S Marathon, Brewster Co., Texas. Took a male in mouse trap set on sandy earth among creosote and mesquite brush, flat country. Taken at night. In same habitat also took Dipodomys merriami, ~~and~~ Perognathus penicillatus and Peromyscus eremicus.

March 24 400'± elev. 38 mi. S of Nuevo Laredo in Nuevo Leon, Mexico. Took a ♀ in trap, probably immature, no embryos. In habitat of open brush on rocky ground. Took Peromyscus leucopus, and Perognathus merriami nearby.

May 17 1900 m. 1 mi. N Chicalote, Aguascalientes. Took one ♀ (2 large embryos) of this species in an almost open field with a few small bushes nearby. This specimen had a white tip to its tail, resembling D. spectabilis, which also lived here. Nearby, in addition, I took Perognathus hispidus, Perognathus flavus, and Dipodomys ordii.

May 19 2 mi. NW San Luis Potosi, San Luis Potosi. Took one ♀ (no embryos) in a field of Maguey Plants; soil sandy and light gray-brown color.

May 20 1 mi. W Hacienda la Parada, 20 mi. NW San Luis Potosi, San Luis Potosi. Took 4 females of this species in traps set on rocky soil among brush and cacti. Country of low hills, vegetation of medium thickness.

May 24 11 mi. NW Cedral, San Luis Potosi. Took 3 ♂, 3 ♀ of this species in traps set on rocky soil ~~near~~

E. V. Miller
1940

Dipodomys merriami

among sparse creosote bush, cacti, and tree yuccas.

May 25 Lulu, Zacatecas Took 1♀ and 1 immature of this species in traps set on rocky soil among creosote bush, mesquite, and cacti.

E.V. Miller
1940

Dipodomys ordii

March 19 — 2450'± Cooper's Well, 47 mi. S Marathon, Brewster Co., Texas. Took one ♀ (no embryos) in mouse trap baited with oatmeal and birdseed, about 10 or 11 PM. Taken in Creosote and Mesquite growing on sandy flat plain. D. merriami and Perognathus penicillatus and Perognathus eremicus were taken in same habitat. Also took one ♂ D. ordii.

May 17 — 1900 m. 1 mi. N Chicalote, Aguascalientes. Took one ♂ and one ♀ in traps set near brush on the edge of ~~an~~ old field. Along here also were taken D. specabilis, D. ordii, Perognathus hispidis and Perognathus flavus.

May 19 — 2 mi. NW San Luis Potosi, San Luis Potosi. Took one ♀ (no embryos) on light gray-brown sandy soil along a dry gulch with a little brush, ~~trees~~ weeds, and a few trees near.

E.V. Miller
1940

Dipodomys spectabilis

May 26 3 mi. N Lulu, Zacatecas Took one ♀ (one embryo) in a trap set on rocky ground near mesquite, creosote bush, other brush, and cacti. Ground partly covered with small weeds and grass. Country here is a wide flat valley between desert mountains. Spectabilis mounds are very numerous, and are most frequently built under mesquite bushes. Dipodomys ordii and Dipodomys merriami are also present.

E. V. Miller
1940

Eptesicus fuscus.

April 19 — 7100± ft. Magney Verde, 8.5 mi. NE Zamapan, Hidalgo. Shot 2 males of this species after sundown. Habitat - forest of small pines, oaks, and other species of trees, light underbrush, open fields. Mountainous country. These bats flew near scattered pines on the ridge near camp. They flew from 5 to 30 ft or higher, above the ground.

May ~~April~~ 1 — 9600± ft. 5 mi. E Amecameca, Mexico. Shot one ♂ in the evening in habitat of medium thick conifer forest.

May 5 — 10,800± ft. La Providencia, NW slope Popocatepetl, Mexico. Shot 4 ♂ of this species along the road in a fir forest.

E.V. Miller
1940

Felis concolor

March 14 Nogales, Santa Cruz Co., Arizona. On our way to Mexico on a collecting trip, S.B. Benson and I stopped to see Mr. Fred Dille of this town. Mr. Dille had saved a Cougar skull which he kindly gave to us for the MVZ, University of Calif. This cat was shot on the ranch of William Hathaway about 2 weeks ago by the owner. The ranch is about 7 mi. NE of Nogales and comprises 4000 acres of arid, rocky, mountainous land

E. V. Miller
1940

Geomys sp.

May 27 3 mi. N Sulu, Zacatecas Took two immature males in traps set in the tunnels. Old gopher mounds are very numerous here but new ones scarce. The soil is a little sandy, and soft. Mesquite, creosote bush, other brush, cacti, weeds, and grass are abundant here. I saw where some animal had apparently been digging after a gopher. Coyotes and dogs are present.

E. V. Miller
1940

Gopher Snake

March 24 400'± elev. 38 mi. S of Nuevo Laredo in Nuevo Leon, Mexico. I was sitting by a bush waiting for birds when a Gopher Snake (Pituophis) "coiled" about 2 ft. from me and gave a flat throaty hiss. I killed it with a stick. This was about 50 yds. from the edge of a pond ½ mile long. Habitat — Prickly-pear cactus and other cactus, Mesquite and other brush. Ducks and shore birds on the lake; coyotes, Jack Rabbits, and Cotton-tailed Rabbits present. Small mammals present - Peromyscus leucopus, Perognathus merriami and Neotoma micropus.

E. V. Miller
1940

Lasiurus cinereus

May 1 9600± ft. 5 mi. E Ameca, Mexico. Shot one ♂ in evening in habitat of medium thick conifer forest.

E. V. Miller
1940

Liomys sp.

April 6 — Elev. less than 100 ft. 24 mi. ESE Reynosa, Tamaulipas, Mexico. Took 1♂, 1♀ (no embryos) in traps set in habitat of mesquite and prickly pear cactus. Soil fine and gray brown in color. Brush fairly open — enough to walk through in most places.

April 9 — Elev. less than 100 ft. 5.7 mi. S Matamoros, Tamaulipas, Mexico. Took one ♀ in mouse trap at night. Habitat — flat country with medium thick growth of mesquite and other brush and a little cactus. Soil fine, slightly sandy and light gray-brown color.

April 17 — Km. 755, Cruz y Cruz, 29 mi N Ciudad Victoria, Tamaulipas. Took 1♂, 2♀ in traps set along edge of corn field, next to brush.

May 15 — 2000 m. 3 mi. NE Aguascalientes, Aguascalientes. Took one ♂ in a trap set in a small gulch. Plants present were nopal cactus, small leafless brush, weeds, dry grass. Soil hard and stony.

E. V. Miller
1940

Mephitis macroura

May 12 El Roble, 8 mi. NE Tepoltitlan de Morelos, Jalisco
On the night of May 11 I was looking at traps after dark at about 10:00 PM, when I saw a ♂ M. macroura with his nose under the base of a nopal cactus. I ran back to camp, about 70 yds. distant, got a shotgun, ran back and shot the animal 3 times with #12 shot from 38 cal. shells, from the rear at close range. This did not dislodge nor kill the skunk so I poked him with a short stick. He ran across the rocks at this and I shot him. After each shot there was an ejection of scent, but bringing a light close to him did not seem to cause any reaction. The country here consisted of open fields, planted with maiz in season, nopal cactus, rocks, and a few patches of oak trees and low brush.

E.V. Miller
1940

Microtus mexicanus

May 5 10,800± ft. La Providencia, NW slope Popocatepetl, Mexico. Took 3, 1♂, 1♀, (other?) of this species along a small creek. Bunch grass, a little ~~grass~~ and fir trees (Abies sp.) were the dominant plants. The soil was fine, and dark in color.

May 8 12,000± ft. NW slope Nevada de Toluca, Mexico. Took 3♀, 2♂ of this species in traps set in thick bunch grass under a thin stand of pines 70-100 ft. high, along a small creek.

E.V. Miller
1940

Myotis velifer

April 10 Charco Escondido, 20± mi. S Reynosa, Tamaulipas. On the east side of this town are several old wells, mostly dry. In each of these S. B. Benson and I found a few (In one we took 11) of this species. We captured them after dark by shooting and I took 5 with a small net as they attempted to fly out the top of the wells. The wells were 6 to 10 ft. in width and my guess is, about 50 ft. deep. The specimens (17) which we took were all males. A pond was nearby.

E. V. Miller
1940

~~##~~ Neotoma micropus

March 24 — 400'± elev. 38 mi S of Nuevo Laredo, in Nuevo Leon, Mexico. Caught 2 ♂'s and 2 ♀'s (no embryos) in rat traps set near their nests ~~in~~ around the bases of prickly pear cactus. Habitat - flat country, several species of cacti and brush - Nearly 2 inches of rain this ~~mo~~ morning.

April 4 — 550± ft. 31 mi. ENE ~~Bravo~~ Bravo, Nuevo Leon, Mexico. Set 10 rat traps baited with dried fruit in thick prickly pear cactus habitat. Soil sandy, topography - very low hills. Set traps in late afternoon - about 2 hrs. after dark I looked at 8 of the traps and found 4 rats - 3 ♀, 1 ♂.

April 6 — Elevation about 100 ft. 24 mi. ESE Reynosa, Tamaulipas, Mexico. Took 3 (1♂, 2♀) N. micropus in traps.

April 11 — Charco Escondido, 20± mi. S Reynosa, Tamaulipas. Took one small ♀ in habitat of fairly open mesquite and other brush and some cacti, mostly prickly pear. On April 12 I took 3 ♀ and 2 ♂ along a brush fence next to a ploughed field.

E. V. Miller
1940

Onychomys leucogaster

April 7 5.7 mi. S Matamoros, Tamaulipas, Mexico. Took 1♂ and 1♀ (5 embryos) of this species in habitat of brush and mesquite with small amount of cactus. Fine light gray brown soil, sandy.

E. V. Miller
1940

Oryzomys torridus

May 16 — 1900 m. 1 mi. N Chicalote, Aguascalientes. Took ~~two~~ 2 ♂ of this species in traps set near brush, nopal cactus, and small trees, along a dry ditch. Soil light gray brown color, hard and a little rocky.

May 21 — 1 mi. W Hacienda la Parada, 20 mi. NW San Luis Potosí, San Luis Potosí. Took a female with 3 embryos along a gulch with a medium thick growth of magueys, cacti, and brush. Soil rocky.

E.V. Miller
1940

Orizomys sp.

April 18 Arroyo los Miradores, 1 mi. W Km. 619, 22 mi. N Linares, Tamaulipas. Took one ♀ (no embryos) in tropical habitat — dense brush, trees, along a dry gulch.

E. V. Miller
1940

Peromyscus boylii

March 20 5800' ± ½ mi. N Mt. Emory, Chisos Mts., Brewster Co., Texas. Set out 50 mousetraps about 10 PM in moonlight on W facing slope. Rocky-small loose rocks, with growth of Mesquite, small yucca, and other brush, medium thick. Caught one immature P. boylii.

March 28 2900' ± elevation. La Calera, 2 mi. SW of Santa Catarina, Nuevo Leon, Mexico. Desert, mountainous country, low medium thick brush, rocky, cacti abundant. P. boylii was the only mammal I caught in 2 nights of trapping on ~~the~~ a mountain, although S.B. Benson got Perognathus in the valley below.

March 31 2400 ± ft. Rancho Rodeo, 7.3 mi. S Santa Catarina, Nuevo Leon. On March 30 I took 3 P. boylii, 1 ♂, 2 ♀ in mousetraps baited with oatmeal. These traps were set along a brush fence by a wheat field. On March 31 I took 7 of the same 4 ♂, 3 ♀, in traps set on a rocky, brush and cactus covered hill.

May 6 El Pedregal, 2.5 mi. W Tlalpan, D.F. (Mexico) Took 9 ♂, 8 ♀ of this species both on grassy hill and among lava rocks, the latter having a growth of grass, oaks, Nopal cactus, etc.

May 12 El Roble, 8 mi. NE Tepotitlan ~~of~~ de Morelos, Jalisco. Took 2 ♀s of this species in small dry brush near large oak trees. Grass (dry) and rocks also present.

May 18 6 mi. SE Punta, Jalisco. Took one ♀ with 2 embryos in a trap set among small rocks, dry grass and brush at the base of a rock cliff.

E. V. Miller
1940

Peromyscus eremicus

March 19 2450' Cooper's Well, 47 mi S Marathon, Brewster Co., Texas. Took one immature ♂ in mousetrap at night in habitat of creosote and mesquite brush growing on sandy plain.

April 14 36 mi. ESE Monterrey, Nuevo Leon, Mexico. Took 1 ♀ immature, 3 ♀ mature and 1 ♂ of this species on a low rocky hill covered with low, medium thick, thorny brush.

May 20 ~~Took~~ 1 mi. W Hacienda la Parada, 20 mi. NW San Luis Potosi, San Luis Potosi. Took one adult female and one immature female of this species in traps set on rocky ground near brush and cacti along a gulch.

May 23 Potrero Santa Ana, mi. S Matehuala, San Luis Potosi. Took 1 ♂, 1 ♀ (no embryos) in traps set along the edge of an old corn field lined with mesquite brush.

May 24 11 mi. NW Cedral, San Luis Potosi. Took 1 ♂, 1 ♀ of this species in traps set on rocky soil, among creosote bush, cacti and tree yucca habitat.

May 25 Lulu, Zacatecas. Took one female (2 embryos) of this species in a trap set near ~~creosote~~ creosote bush and mesquite, on rocky soil.

E.U. Miller
1940

Peromyscus leucopus

March 24 400'± elev. 38 mi. S of Nuevo Laredo in Nuevo Leon, Mexico. Took two ♂ immatures in mouse traps baited with oatmeal and birdseed, and set on rocky ground in open brush, flat country, considerable cactus.

March 30 2400± ft. Rancho Rodeo, 7.3 mi. S Santa Catarina, Nuevo Leon. Took 1 ♂ immature P. leucopus in mouse trap set by a brush fence near a wheat field.

April 6 Elevation about 100 ft. 24 mi. ESE Reynosa, Nuevo Leon, Mexico. Took one ♀ in mouse trap set in habitat of large mesquite trees and prickly pear cactus; also other species of brush and cactus. Fairly open.

April 11 Charco Escondido, 20± mi. S Reynosa, Tamaulipas. Took 2 ♂s of this species, one young, near the pond, near thick mesquite and other brush. Fine gray-brown, sandy soil. On April 12 I took more of this species. They appeared to live where the mesquite was thickest, while the other abundant rodent of this region, Perognathus merriami, lived in more open places.

April 14 36 mi ESE Monterrey, Nuevo Leon. Took 1 ♂, 1 ♀ on slightly rocky ground near low hill covered with medium growth of thorny brush.

April 17 Km 755, Cruz y Cruz, 29 mi. N Ciudad Victoria, Tamaulipas. Took 3 ♀, 1 ♂ in mouse traps set along a cornfield next to brush.

April 18 Arroyo Los Miradores, 1 mi. W Km. 619, 22 mi. N Linares, Tamaulipas. Took 4 ♂, 4 ♀ in tropical habitat - dense brush - large trees.

E.V. Miller
1940

Peromyscus maniculatus

May 7 — 10,000± ft. 15 mi. SW Toluca, Mexico. Took 7♂, 5♀ in mouse traps baited with oatmeal. One female had 5 embryos. These were caught near brush (*Baccharis* sp.) ~~out~~ along a small creek - El Rio San Juan.

May 13 — 1900 m. 9 mi. N Encarnacion de Diaz, Jalisco. Took 6♀ and 4♂ along the edge of an old corn field, near small trees and brush.

May 19 — 2 mi. NW San Luis Potosi, San Luis Potosi. Took 2 ♀s of this species in a field of Maguey Plants. Soil sandy and light gray-brown color. One had 2 embryos and the other 4.

June 9 — Head of Cuddy Valley, near Mt. Pinos, Ventura Co., California. Took 8 of this species in live traps set among sage brush.

E. V. Miller
1940

Peromyscus melanophrys

May 1 9600± ft. 5 mi. E Amecameca, Mexico. In habitat of medium thick brush and conifers and bunch-grass, took 2♂, 1♀ of this species.

May 2 11,000± ft. N slope Popocatepetl, Mexico. In a habitat of thick bunch-grass on dark fine soil, took 1♂, 1♀ of this species.

May 5 Took 3♂, 6♀ of this species in traps baited with oatmeal. Habitat – thin brush, thick bunch-grass, small fir trees (Abies) Location – 10,800± ft. La Providencia, NW slope Popocatepetl, Mexico.

E. V. Miller
1940

Peromyscus melanotis

May 1 — 9,600± ft. 5 mi. E Amecameca, Mexico. In a habitat of medium thick brush and conifers and bunch-grass, took 1♂, 1♀ of this species.

May 2 — 11,000± ft. N slope Popocatepetl, Mexico. In habitat of thick bunch-grass on dark fine soil took 6♂, 4♀ of this species.

May 8 — 12,000± ft. NW slope ~~Sa~~ Nevada de Toluca, Mexico. Took 7♂, 3♀ of this species along a small creek. The ground is covered with thick bunch grass and a thin stand of pines 70-100 ft. tall.

May 9 — Macho de Agua, 10 mi. ESE Zitácuaro, Michoacan. Took 3♂, 1♀ in traps set near pines and among *Baccharis* sp. and rocks on the top of a ridge.

E. V. Miller
1940

Peromyscus truei

April 21 5700± ft. 0.7 mi. S Puente Tasquillo, Hidalgo, Mexico. Took 5♂ and 2♀ (one with 2 embryos) of this species. Desert mountainous country with several species of large cactus, mesquite, and other brush sparsely present. Terrain rocky.

April 22 8000± ft. Piramides de San Juan Teotihuacán, Mexico. Took one male near pile of small rocks, weeds, pepper tree and prickly-pear cactus. S.B. Benson took many more than 9 at this place by setting traps along large rock walls with numerous trees and cacti along them.

E.V. Miller
1940

Perognathus flavus

May 13 1900 m. 9 mi. N Encarnacion de Diaz, Jalisco.
Took a ♀ (no embryos) in dried grass near edge of old corn field.

May 17 1900 m. 1 mi. N Chicalote, Aguascalientes.
Took 5 of this species (3 immatures and 2 adult males) in 'live' traps set in an open, previously cultivated field. The soil was slightly rocky and fairly hard and had a scant covering of fine small grass.

E. V. Miller
1940

Perognathus hispidus

April 17 Km. 755, Cruzy Cruz, 29 mi. N Ciudad Victoria, Tamaulipas
Took one male in trap set at edge of cornfield near a brush fence.

May 16 1900 m. 1 mi. N Chicalote, Aguascalientes.
Took 2 ♀ s (one immature), with no embryos, in traps set along a low bank near brush, small trees and nopal cactus. Soil light gray-brown in color and hard and a little rocky.

E.V. Miller
1940

Perognathus merriami

March 24 — 400' ± elev. 38 mi. S of Nuevo Laredo, in Nuevo Leon, Mexico. Took one ♀, no embryos, in mouse trap on rocky ground and in open brush. Took also *Peromyscus leucopus* and *Dipodomys merriami*.

April 5 — Elevation about 100 ft., 24 mi. ESE Reynosa, Tamaulipas, Mexico. Took 3 ♂♂ *P. merriami* in traps. Habitat — fine gray brown soil; ~~in~~ high mesquite and prickly pear cactus.

April 5 — 550 ± ft. 31 mi. ENE Bravo, Nuevo Leon, Mexico. Took 4 ♂♂ *P. merriami* in live mouse traps set along old road and baited with bird seed. Habitat — very thick prickly pear cactus with little brush. Fine sandy soil.

April ~~6~~ 9 — Elevation less than 100 ft. 5.7 mi. S Matamoros, Tamaulipas, Mexico. Took 4 ♂♂ of this species, 2 in mouse traps and two in 'live' traps. Habitat — flat country, fairly thick growth of large mesquite and other brush, some cactus. Soil fine, little sandy, light gray-brown in color.

April 10 — 1 mi. SE Reynosa, Tamaulipas. Caught 2 ♂♂ of this species on sandy soil covered with medium growth of low brush.

April 12 — Charco Escondido, 20 ± mi. S Reynosa, Tamaulipas. Took 5 ♂♂ and 3 ♀♀ of this species. Traps were set along a brush fence near a ploughed field. These mice were abundant along this fence where the mesquite was not thick. Away from the field I caught practically none at all.

April 14 — 36 mi. ESE Monterrey, Nuevo Leon. Took 3 ♂♂ of this species in both live and snap traps. Habitat is

E. V. Miller
1940

Perognathus merriami

flat slightly rocky ground near low hills, covered with medium growth of thorny brush.

April 17 Km 755, Cruz y Cruz, 29 mi. N Ciudad Victoria, Tamaulipas. Took 2♂, 1♀ in mouse traps set along a brush fence, next a cornfield.

June 2 5.8 mi. W Sanderson, Terrell Co., Texas. Took one male in a live trap set on rocky soil among sparse low brush of several species - mesquite, etc.

E. V. Miller
1940

Perognathus nelsoni

April 14 — 36 mi. ESE of Monterrey, Nuevo Leon. Took one immature ♀ (no embryos) in trap baited with oatmeal and birdseed, and set on rocky ground covered with a medium thick growth of thorny brush about 8 ft. in height. Country mostly flat with a few low hills.

May 13 — 1900 m. 9 mi. N Encarnacion de Diaz, Jalisco. Took 4 of this species along edge of an old corn field. Small rocks present in the soil. Brush and small trees and dried grass present at edge of field.

May 16 — 1900 m. 1 mi. N Chicalote, Aguascalientes. Took 3 ♂, 3 ♀ (one with 4 embryos) in traps set along a low bank near nopal cactus, low brush, and small trees.

May 19 — 2 mi. NW San Luis Potosi, San Luis Potosi. Took one male along the sandy bank of a dry gulch, near brush and grass.

May 20 — 1 mi. W Hacienda la Parada, 20 mi. NW San Luis Potosi, San Luis Potosi. Took 4 ♂, 4 ♀ of this species in traps set ~~on~~ on rocky soil, low hills covered with brush and cacti to medium thickness.

May 23 — Potrero Santa Ana, mi. S Matehuala, San Luis Potosi. Took 2 ♂, ~~1 ♀ (no embryos)~~ of this species in traps set along the edge of an old corn field lined with mesquite brush. Soil muddy from rain, slightly sandy.

E. U. Miller
1940

Perognathus penicillatus

March 19 — 2450' ± Cooper's Well, 47 mi. S. Marathon, Brewster Co., Texas. Took 5 ♂s in mouse traps set on sandy plain with medium thick growth of creosote and mesquite brush. Also took Peromyscus eremicus, Dipodomys ordii and D. merriami, in same habitat.

May 23 — Potrero Santa Ana, mi S Matehuala, San Luis Potosi. Took 5 ♂♂ of this species in traps set at the edge of a field lined with thick mesquite brush. Soil a little sandy, light reddish brown color, very muddy at present from a recent rain.

May 25 — Lulu, Zacatecas Took one male of this species in a trap set near weeds on sandy soil.

May 27 — 3 mi. N Lulu, Zacatecas. Took one male. In the evening as M. Delgadillo and I were sitting in the tent, at about 9 30 P.M. an immature P. penicillatus appeared inside the tent, about 5 ft. from us, foraging busily and not appearing to be alarmed at the gas lantern. The mouse moved about almost continually, in short runs of 6 inches to a foot, hardly stopping a second to pick up food. It remained only a minute or so before departing into the night.

E. V. Miller
1940

Pipistrellus sp.

March 31 2400± ft. Rancho Rodeo, 7.3 mi. S Santa Catarina, Nuevo Leon, Mexico. Shot one ♂ bat of this species in the valley of a large canyon. They flew low over a wheat field near trees. On April 1, I shot 2 ♀♀ and 2 ♂♂ of this genus in same place. They were flying near Tadarida mexicana.

April 21 5700± ft. 0.7 mi. S Puente Tasquillo, Hidalgo. Took one ♂ of this species last night near a small pond. Desert mountainous country with several species of large cactus, large mesquite, and other brush present.

E. V. Miller
1940

Rheithrodontomys fulvescens

April 9 — 5.7 mi. S Matamoros, Tamaulipas, Mexico. Took one ♀ with 4 large embryos in a live trap. Habitat - flat country with large mesquite and some cacti, moderately thick. Soil light gray-brown, a little sandy, and fine.

May 9 — Macho de Agua, 10 mi. ESE Zitácuaro, Michoacan. Took 1♂, 1♀ (no embryos) in traps set under high brush on the steep N facing slope of a dry, deep gulch. A few oaks, ~~and~~ small alders and much other brush grew here.

May 14 — 1900 m. 9 mi. N Encarnacion de Diaz, Jalisco
Took one male in trap set near brush and dry grass on hard soil; flat country; old corn field near.

May 15 — 2000 m. 3 mi. NE Aguascalientes, Aguascalientes.
Took 1♂ and 3♀, no embryos, (young?) in traps set on an E facing slope near nopal cactus, small leafless brush, weeds, and dry grass. Soil hard and rocky.

E. V. Miller
1940

Rheithrodontomys megalotis

May 3 11,000 ± ft. N slope Popocatepetl, Mexico. Took 2 ♀ of this species in mouse traps at night. Habitat – hilly country; fine, dark, sandy soil, covered with thick, large, bunch-grass.

May 7 10,000 ± ft. 15 mi. SW Toluca, Mexico Took one ♀ (no embryos) in mouse trap set near brush (Baccharis sp.) at the edge of a bare field. Soil – fine, light yellow-gray color.

E. V. Miller
1940

Romerologus diazi

May 4 11,000± ft. N slope Popocatepetl, Mexico. Saw one of this species on a hillside covered thickly with large bunch-grass.

E. U. Miller
1940

Sigmodon Sp.

March 31 2400'± elev. Rancho Rodeo, 7.3 mi. S Santa Catarina, Nuevo Leon, Mexico. Took one ♂ Cotton Rat in a rat trap baited with dried peach and set in runway under weeds at edge of wheat field.

April 17 Km. 755, Cruz y Cruz, 29 mi. N Ciudad Victoria, Tamaulipas. Took one ♀ in mouse trap set along a brush fence near a cornfield. 5 embryos.

E. U. Miller
1940

Silvilagus sp?

March 23 — 400± el. 38 mi. S of Nuevo Laredo, in Nuevo Leon, Mexico. Saw several Cottontails on the desert near camp while setting traps. Shot one – adult ♂ and small in size.

March 25 — Same location. Shot a ♀ Cottontail (no embryos). Heard Coyotes yapping and saw Jackrabbits. Habitat – Prickly-pear cactus and other cacti – mesquite and similar brush.

March 31 — 2400± ft. Rancho Rodeo, 7.3 mi. S Santa Catarina, Nuevo Leon. Shot a ♂ Cottontail on a rocky, cactus and brush covered hill.

April 6 — Elevation less than 100 ft. 5.7 mi. S Matamoras, Tamaulipas, Mexico. Shot a Cottontail after dark while setting traps. Habitat – high mesquite trees, smaller prickly pear and other cacti in lesser amounts; other species of brush. Soil fine, gray brown in color. Brush too dense to walk through in many places.

May 15 — 2000 m. 3 mi. NE Aguascalientes, Aguascalientes. Saw a cottontail late yesterday evening while setting traps. Habitat – E facing slope of low hill, covered to medium thickness with nopal cactus, cholla cactus, low leafless brush and dry grass and weeds. Soil hard and rocky. The rabbit ran from me getting out of sight in a few seconds.

May 20 — 1 mi. W Hacienda la Parada, 20 mi. NW San Luis Potosi, San Luis Potosi. Shot one ♀ (3 embryos) in habitat of medium thick brush and cacti on low rocky hills.

May 27 — 3 mi. N Lulu, Zacatecas. Shot one male today

C. V. Miller
1940

Silvilagus sp.

in a habitat of fairly thick mesquite, creosote bush, weeds, etc. Country here is a wide flat valley. Coyotes are present.

E. V. Miller
1940

Tadarida femorosaca

March 27 2900'± elev. La Calera, 2 mi. S.W. Santa Catarina, Nuevo Leon, Mexico. Shot a ♀ (no embryos) just as the sun was going down. Habitat - rocky, mountainous, desert country. Small River about 2 miles distant. Also shot T. mexicana and Pipistrellus sp. (by S.B. Benson) here. T. femorosaca and mexicana came out just as the sun was setting while the pipistrells came out when the light was much dimmer. There was little wind and no clouds. March 28, evening, there was wind and considerable cloudiness. The bats did not appear until after the sun had set, despite the fact that it was darker earlier on this day than on the previous.

E.V. Miller
1940

Tadarida mexicana

March 19 2450'± Cooper's well, 42 mi. S Marathon, Brewster Co., Texas. Caught one specimen and S.B. Benson another, about 9 or 10 P.M., by stringing fish line several times across a pool about 15 yds. in diameter. The well is on a plain a mile or 2 from the Dead Horse Mountains.

March 31 2400± ft. Rancho Rodeo, 7.3 mi. S Santa Catarina, Nuevo Leon. Shot two T. mexicana, 1♂, 1♀, after sunset. These bats were flying with Pipistrelles over a wheat field, near trees, in the valley of a large canyon. Soon after sunset they appeared and as the light grew dimmer flew close to the ground, 50 to 70 ft. high at first and then 5 to 20 ft. high.

April 11 Charco Escondido, 20± mi. S Reynosa, Tamaulipas. Shot a ♂ of this species near a pond.

E. V. Willer
1940

Tapidea tapus

June 4 — 14 mi. NW Carlsbad, Eddy Co., New Mexico.
Picked up a female Badger dead on the highway, skull slightly broken; apparently the animal was hit by a car, and had been dead about 24 hours. There were no embryos.

E. V. Miller
1940

Thomomys umbrinus

May 3 11,000± ft. N slope Popocatepetl, Mexico. Took a ♀ in a gopher trap in the afternoon. Small mounds from 6 inches to a foot in height were numerous near our camp. The soil is fine, dark, and sandy. A few pine trees grow here, and the ground is nearly covered with large bunch-grass. The tunnel where this specimen was caught was about 20 inches below the surface of the ground.

May 18 6 mi. SE Punta, Jalisco. Took one female with 3 embryos in a gopher trap. There were 6 or 20 mounds near the place of capture of this specimen, each mound 6 in. to a ft. high and a ft. to 1½ ft. across at the base. The soil was very hard and dry and the only plant near was a small bush. Nevertheless this gopher was very fat.

E. V. Miller
1940

White-tailed Deer.

March 20 About 4000' elev. Chisos Mts., Brewster Co, Texas. Saw 3 deer along road. They ran off into the bush, flashing their white tails.

April 8 About 40 mi. SSW Matamoros, 5 mi. E San Pedro. Saw a White-tail run across the road. Habitat = mesquite, brush, cacti, growing very thick. Flat country; elev. less than 400 ft.